| 000415 016547 A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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| 000421 016325 A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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| 000422 014000 A 10<br>000423 015443 A 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               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| 000424 016040 A 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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| 000425 016716 A 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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                                                              | INPH<br>INPI                                                                                      | SENSE TTY BFR RDY INIT TTY (INPUT CHAR W/OUT SENSE BFR RDY)                                                            |
| 000427 017211 A 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      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| 000430 000000 A 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      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| 000431 000000 A 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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| 000433 000000 A 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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| 000434 000000 A 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      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| 000442 000000 A 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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| 000443 000000 A 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      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| 000444 000000 A 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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| 000457 000040 A 1:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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| 000464 000000 A 11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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| 000466 000224 A 1:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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| 000476 000223 A 14<br>000477 177700 A 14<br>14<br>014000 11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 45 XOFF<br>46 MASK<br>47 *<br>48 *<br>49 *<br>50 *<br>\$51 *<br>\$52 *<br>\$53 *<br>\$55 *<br>\$5 | DATA  *******  ORG                                                                              | 0177700<br>********************************                                                       |                                                                                                                        |
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| 000476 000223 A 14<br>000477 177700 A 14<br>14<br>14<br>014000 11<br>014000 A 14<br>014000 007400 A 14<br>014001 007411 A 14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           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| 000476 000223 A 14<br>000477 177700 A 14<br>14<br>14<br>014000 11<br>014000 A 14<br>014000 007400 A 14<br>014001 007411 A 14<br>014002 001001 A 16<br>014003 014007 A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  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| 000476 000223 A 14<br>000477 177700 A 14<br>14<br>14<br>15<br>18<br>18<br>19<br>014000 11<br>014000 007400 A 16<br>014002 001001 A 16<br>014002 001001 A 16<br>014003 014007 A<br>014004 006010 A 16<br>014005 177777 A 16<br>014006 050430 A 16<br>014007 001000 A 16<br>014007 001000 A 16<br>014007 001000 A 16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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                                                              | 0177700<br>********************************                                                       | LOWEST CORE LOCATION USED BY THE EXEC  A V75 SYSTEM ?  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| 014000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 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DATA JUF LDAI  STA                                                | 0177700<br>*********************************                                                      | LOWEST CORE LOCATION USED BY THE EXEC  A V75 SYSTEM ?  YES  B  B                                                       |
| 014000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 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JOF  LDAI  STA JMP  ENTR                                         | 0177700  ************  014000  **********  *  07411 NOV75 -1  V75 EBG1                            | LOWEST CORE LOCATION USED BY THE EXEC  A V75 SYSTEM ?  B B COLD START ENTRY  B B                                       |
| 014000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 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RUF DATA JOF LDAI  STA JMP  ENTR                                 | 0177700  ************  014000  ***********  07411 NOV75  -1  V75 EBG1                             | LOWEST CORE LOCATION USED BY THE EXEC  A V75 SYSTEM ?  B B COLD START ENTRY  B B B B B B B B B B B B B B B B B B       |
| 000476 000223 A 14<br>000477 177700 A 14<br>14<br>14<br>15<br>16<br>17<br>18<br>19<br>19<br>19<br>19<br>19<br>19<br>19<br>19<br>19<br>19                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               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JOF  LDAI  STA JMP  ENTR                                         | 0177700  ***********  014000  ***********  *  07411 NOV75  -1  V75 EBG1                           | LOWEST CORE LOCATION USED BY THE EXEC  A V75 SYSTEM ?  B B COLD START ENTRY  B B B B B B B B B B B B B B B B B B       |
| 014000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 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LDAI  STA JMP  ENTR  LDB JBZ*  LDA ANA                            | 0177700  ************  014000  **********  *  07411 NOV75 -1  V75 EBG1  0,1 SET  0,2 MASK         | LOWEST CORE LOCATION USED BY THE EXEC  A V75 SYSTEM ?  YES  B  COLD START ENTRY  B  B  B  B  B  B  B  B  B  B  B  B  B |
| 014000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 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LDAI  STA JMP  ENTR  LDB JBZ*  LDA ANA ORA                      | 0177700  ************  014000  *************  *  07411 NOV75 -1  V75 EBG1  0,1 SET  0,2 MASK QADR | LOWEST CORE LOCATION USED BY THE EXEC  A V75 SYSTEM ?  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| 000476 000223 A 14 000477 177700 A 14 14 014000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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ETS1 INPG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | ADDRESS FOR STORING INPUT PARAMETERS  GET OCTAL PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 014466 00100<br>014467 01445<br>014470 00600<br>014471 00044<br>014472 00200<br>014473 01660<br>014474 00100<br>014476 00104                                                                                                                                                                                                                                                                                                                                                                                 | 10 A 436 437 436 438 440 441 441 441 441 441 441 441 441 441                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 7                                                                                        | ITINIT X#START Y#FINAL Z#INITI FORMAT: LDBI CALL                                               | IALIZE MEMORY. ADDRESS ADDRESS ALIZING VALUE IX,Y,Z. ETS1 INPG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | ADDRESS FOR STORING INPUT PARAMETERS  GET OCTAL PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 014470 00602<br>014471 00040<br>014471 00040<br>014472 0020<br>014473 01662<br>014474 0010<br>014475 01550<br>014477 0155                                                                                                                                                                                                                                                                                                                                                                                    | 10 A 436<br>431<br>431<br>434<br>444<br>444<br>449<br>449<br>449<br>449<br>449<br>449<br>449                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 7. * * * * * * * * * * * * * * * * * * *                                                 | ITINIT X#START Y#FINAL Z#INITI FORMAT: LDBI CALL JMP JMP                                       | IALIZE MEMORY. ADDRESS ADDRESS ALIZING VALUE IX,Y,Z. ETS1 INPG ETOP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | ADDRESS FOR STORING INPUT PARAMETERS  GET OCTAL PARAMETER  TERMINATION EXIT VIA SS3  ABORT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 014470 0060<br>014470 0060<br>014471 00040<br>014472 0020<br>014473 0166<br>014473 0166<br>014475 0155<br>014476 0010<br>014475 0155                                                                                                                                                                                                                                                                                                                                                                         | 10 A 436 431 433 444 444 444 444 444 446 20 A 446 27 A 456 27 A 456 2 A 456 2 A 456 2 A 456 2 A 456                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 7. * * * * * * * * * * * * * * * * * * *                                                 | X=START Y#FINAL Z=INITI FORMAT: LDBI CALL JMP                                                  | IALIZE MEMORY. ADDRESS ADDRESS ALIZING VALUE IX,Y,Z. ETS1 INPG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | ADDRESS FOR STORING INPUT PARAMETERS  GET OCTAL PARAMETER  TERMINATION EXIT VIA SS3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 014470 0060<br>014470 0060<br>014471 00040<br>014472 0020<br>014473 0166<br>014473 0166<br>014475 0155<br>014476 0010<br>014475 0155                                                                                                                                                                                                                                                                                                                                                                         | 10 A 436 437 A 437 436 436 446 441 441 441 441 441 441 441 441 44                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 7                                                                                        | IT==INIT X=START Y=FINAL Z=INITI FORMAT: LDBI CALL JMP JMP JMP                                 | IALIZE MEMORY. ADDRESS ADDRESS ALIZING VALUE IX,Y,Z. ETS1 INPG ETOP INI3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | ADDRESS FOR STORING INPUT PARAMETERS  GET OCTAL PARAMETER  TERMINATION EXIT VIA SS3  ABORT  COMMA EXIT==GET NEXT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 014470 00603<br>014470 00603<br>014471 00040<br>014472 0020<br>014473 01660<br>014474 00103<br>014475 0155<br>014476 00103<br>014477 0155<br>014500 00103                                                                                                                                                                                                                                                                                                                                                    | 10 A 436 431 431 432 444 444 444 444 444 444 444 444 444                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 7 * * * * * * * * * * * * * * * * * * *                                                  | IT==INIT X=START Y=FINAL Z=INITI FORMAT: LDBI CALL JMP JMP JMP                                 | IALIZE MEMORY. 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ETS1 INPG ETOP INI3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | ADDRESS FOR STORING INPUT PARAMETERS  GET OCTAL PARAMETER  TERMINATION EXIT VIA SS3  ABORT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 014470 0060<br>014470 0060<br>014471 00040<br>014472 0020<br>014473 0166<br>014473 0166<br>014474 0010<br>014475 0155<br>014476 0010<br>014476 0010<br>014476 010<br>014476 010<br>014476 010<br>014470 010<br>014502 0304<br>014503 0504                                                                                                                                                                                                                                                                    | 10 A 436 431 433 436 444 444 444 444 444 445 20 A 446 16 A 456 27 A 456 28 A 456 20 A 456 20 A 456 21 A 456 22 A 456 23 A 456 24 A 456 25 A 456 26 A 456 27 A 456 27 A 456 28 A 456 29 A 456 20  | 7 * * * * * * * * * * * * * * * * * * *                                                  | ITINIT X#START Y#FINAL Z#INITI FORMAT: LDBI CALL JMP JMP JMP JMP JMP JMP LDX STA               | IALIZE MEMORY. ADDRESS ADDRESS ALIZING VALUE IX,Y,Z.  ETS1 INPG ETOP ETOP INI3 URN FROM INPG=                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | ADDRESS FOR STORING INPUT PARAMETERS  GET OCTAL PARAMETER  TERMINATION EXIT VIA SS3  ABORT  COMMA EXITGET NEXT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 014466 00100<br>014467 01445<br>014470 00600<br>014471 00040<br>014472 00200<br>014473 01610<br>014476 00100<br>014476 00100<br>014476 01010<br>014501 01450<br>014502 03044<br>014502 03044<br>014504 00506                                                                                                                                                                                                                                                                                                 | 10 A 436 437 A 437 436 436 436 446 441 446 447 446 447 446 447 447 447 447 447                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 7                                                                                        | IT==INIT  X=START  Y#FINAL  Z=INITI  FORMAT:  LDBI  CALL  JMP  JMP  JMP  JMP  JMP  JMP  JMP  J | IALIZE MEMORY. ADDRESS ADDRESS ALIZING VALUE IX,Y,Z.  ETS1 INPG ETOP INI3 URN FROM INPG= ETS1 ETS1+4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | ADDRESS FOR STORING INPUT PARAMETERS  GET OCTAL PARAMETER  TERMINATION EXIT VIA SS3  ABORT  COMMA EXIT==GET NEXT PARAMETER  START ADDRESS SAVE INITIALIZING VALUE TEST NO. PARAMETERS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 014466 00100<br>014467 01445<br>014470 00600<br>014471 00044<br>014472 00200<br>014473 01660<br>014475 01550<br>014476 00100<br>014477 01550<br>014500 00100<br>014501 01450<br>014502 03044<br>014503 0504<br>014505 00614                                                                                                                                                                                                                                                                                  | 10 A 436 431 431 431 431 441 441 441 441 441 441                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 7                                                                                        | ITINIT X#START Y#FINAL Z#INITI FORMAT: LDBI CALL JMP JMP JMP JMP JMP JMP LDX STA               | IALIZE MEMORY. ADDRESS ADDRESS ALIZING VALUE IX,Y,Z.  ETS1 INPG ETOP ETOP INI3 URN FROM INPG-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | ADDRESS FOR STORING INPUT PARAMETERS  GET OCTAL PARAMETER  TERMINATION EXIT VIA SS3  ABORT  COMMA EXITGET NEXT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 014470 00600<br>014471 00044<br>014471 00044<br>014471 0000<br>014473 0166<br>014474 00100<br>014475 0155<br>014476 00100<br>014476 00100<br>014476 00100<br>014501 0145<br>014502 0304<br>014503 0504<br>014504 0061<br>014506 0004                                                                                                                                                                                                                                                                         | 10 A 436 17 A 431 433 434 444 444 444 444 446 16 A 10 A 456 17 A 10 A 456                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 7 * * * * * * * * * * * * * * * * * * *                                                  | ITINIT X#START Y#FINAL Z#INITI FORMAT: LDBI CALL JMP JMP JMP JMP JMP JMP LDX STA TBA SUBI      | IALIZE MEMORY. ADDRESS ADDRESS ALIZING VALUE IX,Y,Z.  ETS1 INPG ETOP ETOP INI3 URN FROM INPG- ETS1+4 ETS1+2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | ADDRESS FOR STORING INPUT PARAMETERS  GET OCTAL PARAMETER  TERMINATION EXIT VIA SS3  ABORT  COMMA EXIT==GET NEXT PARAMETER  START ADDRESS SAVE INITIALIZING VALUE TEST NO. PARAMETERS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 014466 00100<br>014467 01445<br>014470 0060<br>014471 00040<br>014472 00200<br>014473 01666<br>014474 00100<br>014475 0155<br>014476 00100<br>014476 00100<br>014501 0145<br>014502 0304<br>014504 0050<br>014505 0061<br>014507 0010                                                                                                                                                                                                                                                                        | 10 A 436 431 431 431 444 444 444 444 444 444 445 16 A 456 17 A 456 18 A 456 | 7 * * * * * * * * * * * * * * * * * * *                                                  | IT==INIT  X=START  Y#FINAL  Z=INITI  FORMAT:  LDBI  CALL  JMP  JMP  JMP  JMP  JMP  JMP  JMP  J | IALIZE MEMORY. ADDRESS ADDRESS ALIZING VALUE IX,Y,Z.  ETS1 INPG ETOP INI3 URN FROM INPG= ETS1 ETS1+4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | ADDRESS FOR STORING INPUT PARAMETERS  GET OCTAL PARAMETER  TERMINATION EXIT VIA SS3  ABORT  COMMA EXIT==GET NEXT PARAMETER  START ADDRESS SAVE INITIALIZING VALUE TEST NO. PARAMETERS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 014466 00100<br>014467 01445<br>014470 00600<br>014471 00044<br>014472 00200<br>014473 01600<br>014475 0155<br>014476 00100<br>014477 0150<br>014501 01450<br>014502 03044<br>014503 0504<br>014503 0504<br>014505 00614<br>014506 00040<br>014510 01451                                                                                                                                                                                                                                                     | 10 A 436 431 431 432 434 444 444 444 444 444 446 60 A 456 77 A 456 80 A 456 80 A 456 80 A 456 81 A 456                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 7 * * * * * * * * * * * * * * * * * * *                                                  | ITINIT X=START Y#FINAL Z=INITI FORMAT: LDBI CALL JMP JMP JMP JMP JMP JMP STA STA SUBI JAZ      | IALIZE MEMORY. ADDRESS ADDRESS ALIZING VALUE IX.Y.Z.  ETS1 INPG ETOP INI3 URN FROM INPG= ETS1+4 ETS1+2 *+4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | ADDRESS FOR STORING INPUT PARAMETERS  GET OCTAL PARAMETER  TERMINATION EXIT VIA SS3  ABORT  COMMA EXIT GET NEXT PARAMETER  A REG CONTAINS THIRD PARAMETER  START ADDRESS SAVE INITIALIZING VALUE TEST NO. PARAMETERS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 014466 00100<br>014467 01445<br>014470 00600<br>014471 00044<br>014472 00200<br>014473 01660<br>014475 01550<br>014476 00100<br>014477 01550<br>014500 00100<br>014501 01450<br>014502 03044<br>014504 00500<br>014505 00614<br>014507 00100<br>014507 001450<br>014511 00105                                                                                                                                                                                                                                | 10 A 436 431 431 431 431 441 441 441 441 441 441                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 7 * * * * * * * * * * * * * * * * * * *                                                  | ITINIT X#START Y#FINAL Z#INITI FORMAT: LDBI CALL JMP JMP JMP JMP JMP JMP LDX STA TBA SUBI      | IALIZE MEMORY. ADDRESS ADDRESS ALIZING VALUE IX,Y,Z.  ETS1 INPG ETOP ETOP INI3 URN FROM INPG- ETS1+4 ETS1+2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | ADDRESS FOR STORING INPUT PARAMETERS  GET OCTAL PARAMETER  TERMINATION EXIT VIA SS3  ABORT  COMMA EXIT==GET NEXT PARAMETER  START ADDRESS SAVE INITIALIZING VALUE TEST NO. PARAMETERS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 014466 00100<br>014467 01449<br>014470 00600<br>014471 00044<br>014473 01660<br>014474 00100<br>014475 01550<br>014476 0100<br>014477 01550<br>014476 0100<br>014501 01450<br>014504 00500<br>014504 00500<br>014504 00500<br>014504 00500<br>014504 00500<br>014506 00049<br>014510 01450<br>014510 01450<br>014510 01450                                                                                                                                                                                   | 10 A 436 17 A 431 433 444 444 444 444 444 446 16 A 10 A 456 17 A 18 A 19                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 7 * * * * * * * * * * * * * * * * * * *                                                  | ITINIT X=START Y#FINAL Z=INITI FORMAT: LDBI CALL JMP JMP JMP JMP JMP JMP STA STA SUBI JAZ      | IALIZE MEMORY. ADDRESS ADDRESS ALIZING VALUE IX.Y.Z.  ETS1 INPG ETOP INI3 URN FROM INPG= ETS1+4 ETS1+2 *+4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | ADDRESS FOR STORING INPUT PARAMETERS  GET OCTAL PARAMETER  TERMINATION EXIT VIA SS3  ABORT  COMMA EXIT GET NEXT PARAMETER  A REG CONTAINS THIRD PARAMETER  START ADDRESS SAVE INITIALIZING VALUE TEST NO. PARAMETERS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 014466 00100<br>014467 01449<br>014470 00602<br>014471 00044<br>014472 00200<br>014473 01660<br>014474 00100<br>014475 01550<br>014476 00100<br>014477 01550<br>014501 01450<br>014502 03044<br>014503 05049<br>014504 00502<br>014504 00502<br>014506 00044<br>014512 01560<br>014512 01560                                                                                                                                                                                                                 | 10 A 436 17 A 431 433 436 446 444 444 446 446 447 446 16 A 456 17 A 456 18  | 7                                                                                        | ITINIT X#START Y#FINAL Z#INITI FORMAT: LDBI CALL JMP JMP JMP JMP JMP LDX STA TBA SUBI JAZ JMP  | IALIZE MEMORY. ADDRESS ADDRESS ALIZING VALUE IX,Y,Z.  ETS1 INPG ETOP ETOP INI3 URN FROM INPG= ETS1+4 ETS1+2 ++4 EXIT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | ADDRESS FOR STORING INPUT PARAMETERS  GET OCTAL PARAMETER  TERMINATION EXIT VIA SS3  ABORT  COMMA EXIT==GET NEXT PARAMETER  A REG CONTAINS THIRD PARAMETER  START ADDRESS SAVE INITIALIZING VALUE TEST NO. PARAMETERS  *                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 014466 00100<br>014467 01449<br>014467 01449<br>014470 00600<br>014471 00040<br>014472 0020<br>014473 01660<br>014474 00100<br>014475 01550<br>014476 00100<br>014477 01550<br>014500 00100<br>014501 01450<br>014504 00504<br>014504 00504<br>014505 00614<br>014507 00100<br>014510 01450<br>014510 01450<br>014513 01040<br>014513 1040<br>014513 1040<br>014513 1040<br>014513 1040<br>014515 00104                                                                                                      | 10 A 436 17 A 431 433 444 444 444 444 444 444 444 444                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 7 * * * * * * * * * * * * * * * * * * *                                                  | ITINIT  X=START  Y#FINAL  Z=INITI  FORMAT:  LDBI  CALL  JMP  JMP  JMP  JMP  JMP  JMP  JMP  J   | IALIZE MEMORY. ADDRESS ADDRESS ALIZING VALUE IX,Y,Z.  ETS1 INPG ETOP INI3 URN FROM INPG= ETS1+4 ETS1+2 *+4 EXIT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ADDRESS FOR STORING INPUT PARAMETERS  GET OCTAL PARAMETER  TERMINATION EXIT VIA SS3  ABORT  COMMA EXIT==GET NEXT PARAMETER  START ADDRESS SAVE INITIALIZING VALUE TEST NO. PARAMETERS  *  TEST PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 014466 00100<br>014467 01449<br>014467 01449<br>014470 00600<br>014471 00044<br>014473 01660<br>014474 00100<br>014475 01550<br>014476 0100<br>014476 0100<br>014470 00100<br>014501 01450<br>014504 00500<br>014504 00500<br>014504 00500<br>014506 00049<br>014507 00100<br>014510 01450<br>014513 01044<br>014513 01044<br>014514 01560<br>014515 00190<br>014516 0156                                                                                                                                    | 10 A 436 17 A 431 433 444 444 444 444 444 446 16 A 456 17 A 456 18 A 466 18 | 7. ** 7. ** 9. * 1. * IN 2. * 3. * 4. * 5. * 7. * 8. * 9. INIT 0 1 2 3 4. * NO 6 5 7 7 8 | ITINIT X#START Y#FINAL Z#INITI FORMAT: LDBI CALL JMP       | IALIZE MEMORY. ADDRESS ADDRESS ALIZING VALUE IX,Y,Z.  ETS1 INPG ETOP ETOP INI3 URN FROM INPG= ETS1+2 #+4 EXIT ETS1+1 ETS1+1 ETS1+1 ETS1+1 ETS1+1 ETS1+1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | ADDRESS FOR STORING INPUT PARAMETERS  GET OCTAL PARAMETER  TERMINATION EXIT VIA SS3  ABORT  COMMA EXIT==GET NEXT PARAMETER  A REG CONTAINS THIRD PARAMETER  START ADDRESS SAVE INITIALIZING VALUE TEST NO. PARAMETERS  *  TEST PARAMETER RANGE ***                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 014466 00100<br>014467 01449<br>014467 01449<br>014471 00040<br>014471 00040<br>014473 01660<br>014474 00100<br>014475 0155<br>014476 00100<br>014477 0155<br>014500 00100<br>014501 0145<br>014502 03044<br>014504 00502<br>014504 00502<br>014507 00100<br>014510 0145<br>014512 0156<br>014513 0104<br>014514 14044<br>014515 0106<br>014516 0156<br>014517 01049                                                                                                                                         | 10 A 436 17 A 431 431 431 441 441 441 441 441 441 441                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 7                                                                                        | IT-=INIT  X=START  Y#FINAL  Z=INITI  FORMAT:  LDBI  CALL  JMP  JMP  JMP  JMP  JMP  JMP  JMP  J | IALIZE MEMORY. ADDRESS ADDRESS ALIZING VALUE IX,Y,Z.  ETS1 INPG ETOP INI3 URN FROM INPG= ETS1+4 ETS1+2 *+4 EXIT ETS1+1 ETS1+1 ETS1+1 ETS1+1 ETS1+2 ETS1+1 ETS1+1 ETS1+4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | ADDRESS FOR STORING INPUT PARAMETERS  GET OCTAL PARAMETER  TERMINATION EXIT VIA SS3  ABORT  COMMA EXIT==GET NEXT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 014466 00100<br>014467 01449<br>014467 01449<br>014467 01449<br>014471 00040<br>014471 00040<br>014473 01660<br>014474 00100<br>014475 01550<br>014476 00100<br>014477 01550<br>014502 03044<br>014504 00500<br>014503 05044<br>014504 00500<br>014505 00614<br>014512 01560<br>014512 01560<br>014512 01560<br>014513 01044<br>014513 01044<br>014514 14044<br>014515 010560<br>014517 01049<br>014517 01049<br>014517 01049<br>014517 01049                                                                | 10 A 436 17 A 431 431 434 444 444 444 444 444 444 444                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 7 * * * * * * * * * * * * * * * * * * *                                                  | IT==INIT  X=START  Y#FINAL  Z=INITI  FORMAT:  LDBI  CALL  JMP  JMP  JMP  JMP  JMP  JMP  JMP  J | IALIZE MEMORY. ADDRESS ADDRESS ALIZING VALUE IX,Y,Z.  ETS1 INPG ETOP ETOP INI3 URN FROM INPG= ETS1+2 #+4 EXIT ETS1+1 ETS1+1 ETS1+1 ETS1+1 ETS1+1 ETS1+1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | ADDRESS FOR STORING INPUT PARAMETERS  GET OCTAL PARAMETER  TERMINATION EXIT VIA SS3  ABORT  COMMA EXIT==GET NEXT PARAMETER  A REG CONTAINS THIRD PARAMETER  START ADDRESS SAVE INITIALIZING VALUE TEST NO. PARAMETERS  *  TEST PARAMETER RANGE ***                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 014466 00100<br>014467 01449<br>014467 01449<br>014470 00600<br>014471 00044<br>014473 01660<br>014474 00100<br>014475 01550<br>014476 00100<br>014476 01000<br>014477 01550<br>014476 00100<br>014504 00500<br>014504 00500<br>014504 00500<br>014505 00614<br>014507 00105<br>014510 01560<br>014513 01040<br>014514 14044<br>014515 00100<br>014515 00100<br>014516 01560<br>014517 01049<br>014510 05500<br>014520 05500<br>014521 00500                                                                 | 10 A 436 17 A 431 431 431 441 441 441 441 441 441 441                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 7 * * * * * * * * * * * * * * * * * * *                                                  | IT=INIT  X=START  Y#FINAL  Z=INITI  FORMAT:  LDBI  CALL  JMP  JMP  JMP  JMP  JMP  JMP  JMP  J  | IALIZE MEMORY. ADDRESS ADDRESS ALIZING VALUE IX.Y.Z.  ETS1 INPG ETOP ETOP INI3 URN FROM INPG= ETS1+4 ETS1+2 *+4 EXIT ETS1+1 ETS1+1 ETS1+1 ETS1+4 O,1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | ADDRESS FOR STORING INPUT PARAMETERS  GET OCTAL PARAMETER  TERMINATION EXIT VIA SS3  ABORT  COMMA EXIT==GET NEXT PARAMETER  A REG CONTAINS THIRD PARAMETER  START ADDRESS SAVE INITIALIZING VALUE TEST NO. PARAMETERS  *  TEST PARAMETER RANGE ***  STORE VALUE Z                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 014466 00100<br>014467 01449<br>014467 01449<br>014470 00600<br>014471 00044<br>014472 00200<br>014473 01660<br>014473 01660<br>014475 01550<br>014476 01000<br>014477 01550<br>014470 00100<br>014504 00500<br>014504 00500<br>014504 00500<br>014506 00049<br>014506 00049<br>014510 01560<br>014512 01560<br>014513 01040<br>014514 01560<br>014515 00100<br>014515 00100<br>014516 01560<br>014521 00500<br>014521 00500<br>014521 00500<br>014521 00500<br>014521 00500<br>014521 00500<br>014521 00500 | 10 A 436 17 A 431 433 444 444 444 444 444 444 444 444                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 7 * * * * * * * * * * * * * * * * * * *                                                  | IT==INIT  X#START  Y#FINAL  Z#INITI  FORMAT:  LDBI  CALL  JMP  JMP  JMP  JMP  JMP  JMP  JMP  J | IALIZE MEMORY. ADDRESS ADDRESS ALIZING VALUE IX,Y,Z.  ETS1 INPG ETOP ETOP INI3 URN FROM INPG= ETS1+2 #+4 EXIT ETS1+1 ETS1+1 ETS1+1 ETS1+4 0,1 ETS1+1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | ADDRESS FOR STORING INPUT PARAMETERS  GET OCTAL PARAMETER  TERMINATION EXIT VIA SS3  ABORT  COMMA EXIT==GET NEXT PARAMETER  A REG CONTAINS THIRD PARAMETER  START ADDRESS SAVE INITIALIZING VALUE TEST NO. PARAMETERS  *  TEST PARAMETER RANGE ***  STORE VALUE Z  FINAL ADDRESS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 014466 00100<br>014467 01449<br>014467 01449<br>014471 00040<br>014471 00040<br>014473 01660<br>014474 00100<br>014475 01550<br>014476 00100<br>014477 01550<br>014500 00100<br>014501 01450<br>014504 00502<br>014504 00502<br>014506 00040<br>014510 01451<br>014512 01560<br>014512 01560<br>014513 01040<br>014514 14040<br>014515 01560<br>014517 01049<br>014517 01049<br>014520 05500<br>014521 00500<br>014521 00500<br>014522 14044<br>014523 0010                                                  | 10 A 436 17 A 431 431 434 444 444 444 444 444 444 444                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 7 * * * * * * * * * * * * * * * * * * *                                                  | IT=INIT  X=START  Y#FINAL  Z=INITI  FORMAT:  LDBI  CALL  JMP  JMP  JMP  JMP  JMP  JMP  JMP  J  | IALIZE MEMORY. ADDRESS ADDRESS ALIZING VALUE IX.Y.Z.  ETS1 INPG ETOP ETOP INI3 URN FROM INPG= ETS1+4 ETS1+2 *+4 EXIT ETS1+1 ETS1+1 ETS1+1 ETS1+4 O,1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | ADDRESS FOR STORING INPUT PARAMETERS  GET OCTAL PARAMETER  TERMINATION EXIT VIA SS3  ABORT  COMMA EXIT==GET NEXT PARAMETER  A REG CONTAINS THIRD PARAMETER  START ADDRESS SAVE INITIALIZING VALUE TEST NO. PARAMETERS  *  TEST PARAMETER RANGE ***  STORE VALUE Z                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 014466 00100<br>014467 01449<br>014467 01449<br>014470 00600<br>014471 00044<br>014472 00200<br>014473 01660<br>014473 01660<br>014475 01550<br>014476 01000<br>014477 01550<br>014470 00100<br>014504 00500<br>014504 00500<br>014504 00500<br>014506 00049<br>014506 00049<br>014510 01560<br>014512 01560<br>014513 01040<br>014514 01560<br>014515 00100<br>014515 00100<br>014516 01560<br>014521 00500<br>014521 00500<br>014521 00500<br>014521 00500<br>014521 00500<br>014521 00500<br>014521 00500 | 10 A 436 17 A 431 433 434 444 444 444 444 444 444 444                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 7 * * * * * * * * * * * * * * * * * * *                                                  | IT==INIT  X#START  Y#FINAL  Z#INITI  FORMAT:  LDBI  CALL  JMP  JMP  JMP  JMP  JMP  JMP  JMP  J | IALIZE MEMORY. ADDRESS ADDRESS ALIZING VALUE IX,Y,Z.  ETS1 INPG ETOP ETOP INI3 URN FROM INPG= ETS1+2 #+4 EXIT ETS1+1 ETS1+1 ETS1+1 ETS1+4 0,1 ETS1+1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | ADDRESS FOR STORING INPUT PARAMETERS  GET OCTAL PARAMETER  TERMINATION EXIT VIA SS3  ABORT  COMMA EXIT==GET NEXT PARAMETER  A REG CONTAINS THIRD PARAMETER  START ADDRESS SAVE INITIALIZING VALUE TEST NO. PARAMETERS  *  TEST PARAMETER RANGE ***  STORE VALUE Z  FINAL ADDRESS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

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PRINT CONTEMTS OF PSEUDO R3

| 014644 002000 A                                                                                                                                                                                                                                                                                                                 | 543                                                                                                      | CALL                                                         | OUTE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       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| 014645 017011 4                                                                                                                                                                                                                                                                                                                 |                                                                                                          |                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            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| 014646 010432 A<br>014647 002000 A                                                                                                                                                                                                                                                                                              | 544<br>545                                                                                               | LDA<br>Call                                                  | E4R1<br>OUTE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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| 014650 017011 A                                                                                                                                                                                                                                                                                                                 |                                                                                                          |                                                              | en i i san ari semente i i penere manini esternica                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | THE THE STATE OF T |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 014651 010433 A<br>014652 002000 A                                                                                                                                                                                                                                                                                              | 546<br>547                                                                                               | LDA                                                          | ESR1<br>OUTE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               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| 014653 017011 4                                                                                                                                                                                                                                                                                                                 |                                                                                                          |                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            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| 014705 000446 A                                                                                                                                                                                                                                                                                                                 | 580                                                                                                      | CALL                                                         | INPG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       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| 014707 016627 A                                                                                                                                                                                                                                                                                                                 |                                                                                                          |                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            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| 014710 001000 A<br>014711 015512 A                                                                                                                                                                                                                                                                                              | 581                                                                                                      | JMP                                                          | ETOP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       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| 014712 001000 A<br>014713 015512 A                                                                                                                                                                                                                                                                                              | 582                                                                                                      | JMP                                                          | ETOP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       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| 014715 014765 A                                                                                                                                                                                                                                                                                                                 | 584 # N                                                                                                  | ODMAI DE                                                     | THON FORM THE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              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| 014716 050451 A                                                                                                                                                                                                                                                                                                                 | 585                                                                                                      | STA                                                          | ETS1+3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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| 014717 150450 A<br>014720 050452 A                                                                                                                                                                                                                                                                                              | 586<br>587                                                                                               | STA                                                          | ETS1+2<br>ETS1+4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           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| 014721 005021 A                                                                                                                                                                                                                                                                                                                 | 588                                                                                                      | TBA                                                          | h I SATE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | TEST NO. 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| 014722 006140 A<br>014723 000451 A                                                                                                                                                                                                                                                                                              | 589                                                                                                      | SUBI                                                         | ETS1+3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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| 014724 001010 A                                                                                                                                                                                                                                                                                                                 | 590                                                                                                      | JAZ                                                          | *+4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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| 014725 014730 A<br>014726 001000 A                                                                                                                                                                                                                                                                                              | 591                                                                                                      | JMP                                                          | EXIT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       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| 014727 015631 A                                                                                                                                                                                                                                                                                                                 |                                                                                                          |                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            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| 014731 015000 A<br>014732 150451 A                                                                                                                                                                                                                                                                                              | 593<br>594                                                                                               | LDA<br>ANA                                                   | 0,1<br>ETS1+3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              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| 014732 150451 A<br>014733 140452 A<br>014734 001010 A<br>014735 014747 A                                                                                                                                                                                                                                                        | 59 <b>3</b><br>594<br>595<br>596                                                                         | LDA<br>ANA<br>SUB<br>JAZ                                     | 0.1<br>ETS1+3<br>ETS1+4<br>ESR2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            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| 014732 150451 A 014733 140452 A 014734 001010 A 014735 014747 A 014736 040446 A 014737 001400 A 014740 015512 A 014741 005041 A 014742 140447 A 014743 001002 A 014744 015512 A 014745 001000 A                                                                                                                                 | 593<br>594<br>595<br>596<br>597 ESR1<br>598<br>599<br>600<br>601                                         | LDA ANA SUB JAZ INR JSS3 TXA SUB JAP JMP                     | 0.1<br>ETS1+3<br>ETS1+4<br>ESR2<br>ETS1<br>ETOP                                                                                                                                                                                                                                                                                                                                                                                                                                                                            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| 014732 150451 A<br>014733 140452 A<br>014734 001010 A<br>014735 014747 A<br>014736 040446 A<br>014737 001400 A<br>014740 015512 A<br>014741 005041 A<br>014742 140447 A<br>014743 001002 A<br>014744 015512 A                                                                                                                   | 593<br>594<br>595<br>596<br>597 ESR1<br>598<br>600<br>601                                                | LDA ANA SUB JAZ INR JSS3 TXA SUB JAP                         | 0.1<br>ETS1+3<br>ETS1+4<br>ESR2<br>ETS1<br>ETOP                                                                                                                                                                                                                                                                                                                                                                                                                                                                            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| 014732 150451 A 014733 140452 A 014734 001010 A 014735 014747 A 014736 040446 A 014737 001400 A 014740 015512 A 014741 005041 A 014742 140447 A 014743 001002 A 014744 015512 A 014744 015512 A 014747 002000 A 014747 002000 A 014750 016777 A 014751 010446 A                                                                 | 593<br>594<br>595<br>596<br>597 ESR1<br>598<br>599<br>600<br>601<br>602<br>603 ESR2                      | LDA ANA SUB JAZ INR JSS3 TXA SUB JAP JMP CALL                | 0.1<br>ETS1+3<br>ETS1+4<br>ESR2<br>ETS1<br>ETOP<br>ETS1+1<br>ETOP<br>ESR4<br>OUTC                                                                                                                                                                                                                                                                                                                                                                                                                                          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| 014732 150451 A 014733 140452 A 014734 001010 A 014735 014747 A 014737 001400 A 014740 015512 A 014741 005041 A 014742 140447 A 014743 001002 A 014744 015512 A 014745 001000 A 014745 001000 A 014746 014730 A 014747 002000 A                                                                                                 | 593<br>594<br>595<br>596<br>597 ESR1<br>598<br>599<br>600<br>601<br>602<br>603 ESR2                      | LDA ANA SUB JAZ INR JSS3 TXA SUB JAP JMP CALL                | 0.1<br>ETS1+3<br>ETS1+4<br>ESR2<br>ETS1<br>ETOP<br>ETS1+1<br>ETOP<br>ESR4<br>OUTC<br>ETS1<br>OUTF                                                                                                                                                                                                                                                                                                                                                                                                                          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| 014732 150451 A 014733 140452 A 014734 001010 A 014735 014747 A 014736 040446 A 014737 001400 A 014740 015512 A 014741 005041 A 014742 140447 A 014743 001002 A 014744 015512 A 014745 001000 A 014746 014730 A 014747 002000 A 014751 010446 A 014752 002000 A 014753 017051 A                                                 | 593<br>594<br>595<br>596<br>597 ESR1<br>598<br>599<br>600<br>601<br>602<br>603 ESR2                      | LDA ANA SUB JAZ INR JSS3 TXA SUB JAP JMP CALL                | 0.1<br>ETS1+3<br>ETS1+4<br>ESR2<br>ETS1<br>ETOP<br>ETS1+1<br>ETOP<br>ESR4<br>OUTC                                                                                                                                                                                                                                                                                                                                                                                                                                          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DISPLAY/CHANGE THE PSEUDO R3 REGISTER

675 \*

015074 010454 A 676 E3RG LDA EKOO

| 015075 002000 A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            | CALL       | OUTA           |                                           |
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| 015076 016733 A<br>015077 010431 A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |            | LDA        | E3R1           | LOAD PSEUDO R3                            |
| 015100 002000 A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 679        | CALL       | OUTE           | PRINT CONTENTS                            |
| 015101 017011 A<br>015102 002000 A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |            | CALL       | INPG           | INPUT OCTAL AND/OR PERIOD                 |
| 015103 016627 A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |            |                | 용하는데 그의 바쁜 사람들이 되었다.                      |
| 015104 001000 A<br>015105 015512 A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 681        | JMP        | ETOP           | TERMINATION EXIT VIA \$83                 |
| 015106 001000 A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 682        | JMP        | ETOP           | ABORT EXIT                                |
| 015107 015512 A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            | 140        | 4.1.9          |                                           |
| 015110 001000 A<br>015111 015112 A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |            | JMP        | *+2            | COMMA EXIT ACCEPT IT                      |
| Management of the Committee of the Commi | 684 * N    |            | TURN FROM INPO |                                           |
| 015112 050446 A<br>015113 010471 A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 685<br>686 | STA<br>LDA | ETS1<br>TS04   | SAVE INPUT<br>TSO4=DIGIT COUNTER FOR INPG |
| 015114 001010 A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            | JAZ        | ETOP           | ORNO OCTAL INPUT RETURN TO SUPERVISOR     |
| 015115 015512 A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |            |                | 입하다 말했다. 그런데 그 글로 다                       |
| 015116 010446 A<br>015117 050431 A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 688<br>689 | LDA        | ETS1<br>E3R1   | STORE NEW VALUE IN PSEUDO R3              |
| 015120 001000 A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 690        | JMP        | ETOP           | RETURN TO SUPERVISOR                      |
| 015121 015512 A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 691 *      | DISPLA     | V/CHANCE THE E | PSEUDO R4 REGISTER                        |
| 015122 010454 A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 692 E4RG   | LDA        | EK00           | ASCII SPACE                               |
| 015123 002000 A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            | CALL       | OUTA           |                                           |
| 015124 016733 A<br>015125 010432 A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 694        | LDA        | E4R1           | LOAD PSEUDO R4                            |
| 015126 002000 A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            | CALL       | OUTE           | PRINT CONTENTS                            |
| 015127 017011 A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 4.84       |            | INPG           | THOUGH COTAL CAN ARREST                   |
| 015130 002000 A<br>015131 016627 A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |            | CALL       | INLA           | INPUT OCTAL AND/OR PERIOD                 |
| 015132 001000 A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 697        | JMP        | ETOP           | TERMINATION EXIT VIA 583                  |
| 015133 015512 A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            | IMD        | ETOP           | ADODE RVIE                                |
| 015134 001000 A<br>015135 015512 A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |            | JMP        | ETOP           | ABORT EXIT                                |
| 015136 001000 A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            | ЈМР        | *+2            | COMMA EXIT ACCEPT IT                      |
| 015137 015140 A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 70A        | ODMAI DO   | TURN FROM INPO |                                           |
| 015140 050446 A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 700 ± N    | STA        | ETS1           | SAVE INPUT                                |
| 015141 010471 A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 702        | LDA        | TS04           | TS04#DIGIT COUNTER FOR INPG               |
| 015142 001010 A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 703        | JAZ        | ETOP           | 0≡NO OCTAL INPUT, RETURN TO SUPERVISOR    |
| 015143 015512 A<br>015144 010446 A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 704        | LDA        | ETS1           | 이 발생이 아쉽게 이렇게 되고 하셨다.                     |
| 015145 050432 A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 705        | STA        | E4R1           | STORE NEW VALUE IN PSEUDO R4              |
| 015146 001000 A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 706        | JMP        | ETOP           | RETURN TO SUPERVISOR                      |
| 015147 015512 A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 707 *      | DISPLA     | Y/CHANGE THE   | PSEUDO R5 REGISTER                        |
| 015150 010454 A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 708 E5RG   | LDA        | EK00           | ASCII SPACE                               |
| 015151 002000 A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 709        | CALL       | OUTA           |                                           |
| 015152 016733 A<br>015153 010433 A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 710        | LDA        | E5R1           | LOAD PSEUDO RS                            |
| 015154 002000 A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            | CALL       |                | PRINT CONTENTS                            |
| 015155 017011 A<br>015156 002000 A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 713        | CALL       | INPG           | INPUT OCTAL AND/OR PERIOD                 |
| 015157 016627 A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            | CAPP       | SITEU          | ARCHI DGING MRUFUR FERTUD.                |
| 015160 001000 A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 713        | JMP        | ETOP           | TERMINATION EXIT VIA 353                  |
| 015161 015512 A<br>015162 001000 A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 714        | JMP        | ETOP           | ABORT EXIT                                |
| 015163 015512 A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            | ⊌ (PIF     | LIUF           |                                           |
| 015164 001000 A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            | JMP        | *+2            | COMMA EXIT ACCEPT IT                      |
| 015165 015166 A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            | DRMAI DE   | TURN FROM INPO | 1                                         |
| 015166 050446 A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            | STA        | ETS1           | SAVE INPUT                                |
| 015167 010471 A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 718        | LDA        | TS04           | TS04=DIGIT COUNTER FOR INPG               |
| 015170 001010 A<br>015171 015512 A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |            | JAZ        | ETOP           | 0=NO OCTAL INPUT, RETURN TO SUPERVISOR    |
| 015171 015512 A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            | LDA        | ETS1           |                                           |
| 015173 050433 A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 721        | STA        | ESR1           | STORE NEW VALUE IN PSEUDO R5              |
| 015174 001000 A<br>015175 015512 A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |            | JMP        | ETOP           | RETURN TO SUPERVISOR                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 723 #      | DISPLA     | Y/CHANGE THE P | PSEUDO R6 REGISTER                        |
| 015176 010454 A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 724 E6RG   | LDA        | EK00           | ASCII SPACE                               |
| 015177 002000 A<br>015200 016733 A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |            | CALL       | DUTA           |                                           |
| 015201 010434 A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            | LDA        | E6R1           | LOAD PSEUDO R6                            |
| 015202 002000 A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 727        | CALL       | OUTE           | PRINT CONTENTS                            |
| 015203 017011 A<br>015204 002000 A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |            | CALL       | INPG           | INPUT OCTAL AND/OR PERIOD                 |
| 015204 002000 A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            | UMEL       | TIALA          | THE OF THE WADY OF LEWIND                 |
| 015206 001000 A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 729        | JMP        | ETOP           | TERMINATION EXIT VIA 883                  |
| 015207 015512 A<br>015210 001000 A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |            | JMP        | ETOP           | ARGOT SYTT                                |
| 015210 001000 A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            | UMP        | SIUP           | ABORT EXIT                                |
| 015212 001000 A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 731        | JMP        | *+2            | COMMA EXIT ACCEPT IT                      |
| 015213 015214 A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            | 00MA: 5-   | THOM FORM THE  |                                           |
| 015214 050446 A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            | STA        | TURN FROM INPO | 3<br>SAVE INPUT                           |
| 015215 010471 A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 734        | LDA        | TS04           | TS04#DIGIT COUNTER FOR INPG               |
| 015216 001010 A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            | JAZ        | ETOP           | ORNO OCTAL INPUT, RETURN TO SUPERVISOR    |
| 015217 015512 A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            | LDA        | ETS1           |                                           |
| . 015220 010448 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |            | STA        | E6R1           | STORE NEW VALUE IN PSEUDO R6              |
| 015220 010446 A<br>015221 050434 A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |            |            |                |                                           |
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| 015224 010454 A<br>015225 002000 A<br>015226 016733 A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  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| 015227 010435 A<br>015230 002000 A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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| 015231 017011 A<br>015232 002000 A<br>015233 016627 A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  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| 015234 001000 A<br>015235 015512 A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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| . <u>015236 001000 A</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               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| 015237 015512 A<br>015240 001000 A<br>015241 015242 A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  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| 015242 050446 A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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| 015343 015512                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                             |                              |                                               |
| 015344 005145<br>015345 005002                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | TZB                                         | 045                          | INCREMENT X AND PUT INTO A&X                  |
| 015346 004543                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | A 808                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | LLSR                                        | 3                            | LINE LENGTH IS & LOCATIONS                    |
| 015347 001020<br>015350 015353                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | JBZ                                         | EDU4                         | NEXT LINE                                     |
| 015351 001000<br>015352 015337                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | A 810                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | JMP                                         | EDU2                         | NEXT WORD                                     |
| 015353 002000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | CALL                                        | OUTC                         | OUTPU CR & LF                                 |
| 015354 016777<br>015355 002000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | A 813                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | CALL                                        | INPI                         |                                               |
| 015356 016730<br>015357 006140<br>015360 000377                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | A 814                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | SUBI                                        | 0377                         |                                               |
| 015361 001010<br>015362 015512                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | A 815                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | JAZ                                         | ETOP                         | TERMINATE DUMP ON RUBQUT                      |
| 015363 005041<br>015364 001000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | A 816                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | TXA                                         | EDU1                         |                                               |
| 015365 015332                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 818 #                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                             |                              |                                               |
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| Section (1) and (1) an | 821 *                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                             |                              |                                               |
| # V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 822 *<br>823 * F                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | PRINT/CHA                                   | NGE CONTENTS O               | F MEMORY LOCATION SPECIFIED BY USER           |
| Annual Control of the | 824 *                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | NA I VIII                                   | NOT CONTENTO                 | W TENNIA BOOK OF ENAMED DE COME               |
| 015366 002000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 825 *<br>A 826 ECNG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | CALL                                        | INPG                         | INPUT OCTAL MEMORY ADDRESS                    |
| 015367 016627                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                             |                              |                                               |
| 015370 001000<br>015371 015512                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | JMP                                         | ETOP                         | TERMINATION EXIT VIA 883                      |
| 015372 001000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 828 A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | JMP                                         | ETOP                         | ABORT                                         |
| 015373 015512<br>015374 001000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | A 829                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | ЈМР                                         | *+2                          | COMMA EXITACCEPT IT                           |
| 015375 015376                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                             | TURN FROM INPG               |                                               |
| 015376 005014                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | A 831                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | TAX                                         |                              |                                               |
| 015377 006010<br>015400 000275                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | FDAI                                        | ***                          | EQUAL SIGN                                    |
| 015401 002000<br>015402 016733                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | A 833                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | CALL                                        | DUTA                         |                                               |
| 015403 015000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | A 834                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | LDA<br>CALL                                 | 0,1<br>OUTE                  | DUTBUT DOTAL WORD                             |
| 015405 017011                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Δ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                             |                              | DUTPUT OCTAL WORD                             |
| 015406 002000<br>015407 016627<br>015410 001000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | JMP                                         | INPG<br>ETOP                 | INPUT OCTAL WORD                              |
| 015411 015512                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | JMP                                         | ETOP                         | TERMINATION EXIT VIA 883                      |
| 015412 001000<br>015413 015512<br>015414 001000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | JMP                                         | ECNS                         | COMMA EXIT PRINT NEXT LOCATION & CONTENTS     |
| 015415 015426                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <u> </u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                             | TURN FROM INPG               |                                               |
| 015416 050446                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | A 841                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | STA                                         | ETS1                         | SAVE INPUT                                    |
| 015417 010471<br>015420 001010                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | LDA<br>JAZ                                  | TS04                         | TS04=DIGIT COUNTER FOR INPG                   |
| 015421 015424                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                             |                              |                                               |
| 015422 010446<br>015423 055000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | LDA<br>Sta                                  | 0,1                          | GET LAST INPUT                                |
| 015424 001000<br>015425 015512                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | A 846<br>A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | JMP                                         | ETOP                         |                                               |
| 015426 050446                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 847 *<br>A 848 ECN2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | STA                                         | ET81                         | SAVE INPUT                                    |
| 015427 010471                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | A 849                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | LDA                                         | T304                         | TS04=DIGIT COUNTER FOR INPG                   |
| 015430 001010<br>015431 015434                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | JAZ                                         | *+4                          |                                               |
| 015432 010446<br>015433 055000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | A 851                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | LDA<br>STA                                  | ETS1                         | GET LAST INPUT<br>STORE NEW VALUE IN LOCATION |
| 015434 002000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | A 853                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | CALL                                        | O.1<br>OUTC                  | CR & LF                                       |
| 015435 016777<br>015436 005145                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | INCR                                        | 045                          | INCREMENT X AND PUT INTO A AND X              |
| 015437 002000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | A 855                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | CALL                                        | OUTF                         | PRINT NEXT MEMORY ADDRESS                     |
| 015440 017051<br>015441 001000<br>015442 015377                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | A 856                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | JMP                                         | ECN3                         | PRINT CONTENTS                                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 857 *                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                             |                              |                                               |
| 015443 000000<br>015444 002000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ENTR                                        | O<br>ESZA                    | DETERMINE MEMORY SIZE                         |
| 015445 016103                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Α                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                             |                              |                                               |
| 015446 050441                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | A 861                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | STA<br>Call                                 | SMEM<br>ESZB                 |                                               |
| 015450 016137<br>015451 001000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | A 862                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | JMP                                         | (ESZC)*                      | ***** EXIT                                    |
| 015452 115443                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | INCR                                        | 01                           |                                               |
| 015453 005101<br>015454 050442                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | A 864                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | STA                                         | SCON                         | TTY MODE  * SCON # 01                         |
| 015455 002000<br>015456 015443                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | CALL                                        | ESZC                         | * STTY # 01, UNLESS SET                       |
| 015457 005101                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | A 866                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | INCR                                        | 01                           | <b>8</b> Y                                    |
| 015460 000000<br>015461 006030                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | HLT<br>LDXI                                 | STTY                         | * OPERATOR                                    |
| 015462 000473                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                             |                              |                                               |
| 015463 055000<br>015464 002000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | STA                                         | 0,1<br>OUTH,0201             | PRINT ENABLE                                  |
| A STATE OF S | The Man State of the State of t | er anna ant anthonia in <b>State</b> an ann | was some a hinker of a grant |                                               |

|                                |             |              |                        | AND                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|--------------------------------|-------------|--------------|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 015465 017115                  |             |              |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 015466 000201                  | A           | C 41 1       | OUTC                   | OUTDIT COALS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 015467 002000                  |             | LALL         | UUTC .                 | OUTPUT CRULF                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 015471 010430                  |             | LDA          | V75                    | В                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 015472 001010                  | A 873       | JAZ          | DOMSG1                 | Residence of the second control of the secon |
| 015473 015502                  |             |              |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                                |             | TDXI         | MSG6                   | THIS IS THE V75 TEST EXECUTIVE B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 015475 016061<br>015476 002000 |             | CALL         | DUTD                   | OUTPUT MESSAGE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 015477 017040                  |             |              |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 015500 001000                  |             | JMP          | DOMSG3                 | GD OUTPUT MSG3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 015501 015506                  |             | INVE         | uece                   | THIS TO THE MANAGE TEST EVERHEIVE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 015503 016001                  |             | FAVI         | Moul                   | THIS IS THE V70/620 TEST EXECUTIVE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 015504 002000                  |             | CALL         | OUTD                   | OUTPUT MESSAGE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 015505 017040                  | A           |              |                        | May be an analysis of section of the |
| 015506 006030                  |             | LDXI         | MSG3                   | MEMORY SIZE IS **K                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 015507 016040                  | A 880       | CALL         | OUTD                   | OUTPUT MESSAGE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 015511 017040                  |             |              | <del>9. 9. 1. 2 </del> | M. I. L. Makes, L. M. M. C. M.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|                                | 881 *       |              |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                                | 882 *       | - 30         |                        | The second secon |
|                                | 883 *       | ST FYEC      | JTIVE SUPERVIS         | no                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|                                | 885 *       | OI EXEC      | SILVE BUFERVIO         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 015512 006010                  | A 886 ETOP  | LDAI         | 0207                   | TTY BELL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 015513 000207                  |             |              | 0.124                  | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 015514 002000                  |             | CALL         | OUTA                   | OUTPUT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 015516 002000                  |             | CALL         | OUTH, 0201             | PRINT ENABLE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 015517 017115                  | A           |              |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 015520 000201                  |             |              |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 015521 002000<br>015522 016730 |             | CALL         | INPI                   | INIT TTY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 015523 002000                  |             | CALL         | DUTC                   | AND THE CONTROL OF THE PARTY OF |
| 015524 016777                  |             |              |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 015525 002000                  |             | CALL         | INPB                   | INPUT ONE CHARACTER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 015526 016360<br>015527 001000 |             | JMP          | ETOP                   | ABORT EXIT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 015530 015512                  |             | Q mr         | EIOF                   | ADDRI CALI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 015531 054011                  |             | STA          | ET04+1                 | SAVE INPUT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 015532 006140                  |             | 8081         | 0515                   | LINE FEED CODE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 015533 000212<br>015534 001010 |             | JAZ          | ETOP                   | YES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 015535 015512                  |             | JMZ          | CIUP                   | 169                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 015536 006140                  |             | SUBI         | 3                      | CARRIAGE RETURN(0215)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 015537 000003                  |             |              |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 015540 001010<br>015541 015512 |             | JAZ          | ETOP                   | YES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 015542 006010                  |             | LDAI         | . 0                    | GET ORIGINAL INPUT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 015543 000000                  |             |              |                        | 는 가장, 하나 바쁜 바다 보는 사람들은 보고 있다. 그리고 있는 사람들은 사람들이 되었다.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 015544 006140                  |             | SUBI         |                        | in the supplication of the |
| 015545 000301<br>015546 001004 |             | JAN          | EXIT                   | TANKAL TR. TARBUT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 015547 015631                  |             | JAN          | EVII                   | INVALID INPUT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 015550 004100                  |             | RIIRT        | 032                    | Z CHAR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 015551 000032                  |             |              |                        | ranca kandistika mengantan bahasa bahasa bahasa bahasa berasa berasa berasa berasa berasa berasa berasa berasa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 015552 001002<br>015553 015631 |             | JAP          | EXIT                   | INVALID INPUT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 015554 006120                  |             | ADDI         | (FTBL+032)*            | INDIRECT ADDRESS POINTER FOR UTILITY TABLE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 015555 115631                  |             |              | (21021002)-            | The state of the s |
| 015556 054017                  |             | STA          | PETBL+2                | 16 B B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 015557 030430                  |             | FDX          | V75                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 015561 015574                  |             | JXZ          | PETBL                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 015562 007443                  | A 907       | LDI,R3       | 0                      | V75 SYSTEM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 015563 000000                  |             | (A)          |                        | CLEAR R3 B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 015564 007444<br>015565 000000 |             | LUI,R4       | 0                      | CULCAN (RS ) AND THE PROPERTY OF THE PROPERTY  |
| 015566 007445                  |             | LDI.RS       | 0                      | <u>R4</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 015567 000000                  | A           |              |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 015570 007446                  |             | LDI,R6       | 0                      | R5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 015571 000000<br>015572 007447 |             | LDI,R7       | 6 8                    | R6, AND R7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 015573 000000                  |             | PATTE        |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 015574 005007                  | A 912 PETBL |              | <u> </u>               | CLEAR REGISTERS A.B.X ANYWAY 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 015575 001000                  |             | JMP          | #                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 015576 015575<br>015577 014771 |             | DATA         | FARG                   | A PRINT/CHANGE PSEUDO A REG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 015600 015020                  |             | DATA         | EBRG                   | B PRINT/CHANGE PSEUDO B REG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| x 015601 015366                | A 916       | DATA         |                        | B PRINT/CHANGE PSEUDO B REG<br>C PRINT/CHANGE MEMORY LOCATION<br>D DIMP CORF TO ITY PRINTER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 015602 015315                  |             | DATA         | EDUM                   | C PRINT/CHANGE MEMORY LOCATION D DUMP CORE TO TTY PRINTER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 015603 015631<br>015604 015631 |             | DATA<br>DATA | EOF                    | E WRITE END OF FILE  F BILF PORITION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 015605 015252                  |             | DATA         | EGOT                   | G TRANSFER TO SPECIFIED LOCATION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 015606 015631                  | A 921       | DATA         | EXIT                   | H NOT USED                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 015607 014470                  | A 955       | DATA         | INIT                   | I INITIALIZE CORE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 015610 015631                  |             | DATA         | EXII                   | J NUI USED                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 015611 015631<br>015612 015666 |             | DATA         | EXIT                   | K NOT USED<br>L LOAD OBJECT TAPE AND TRANSFER TO PROGRAM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 015613 015631                  |             | DATA         | EXIT                   | M NOT USED                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 015614 015631                  | A 927       | DATA         | EXIT                   | N NOT USED                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 015615 015631                  |             | DATA         | EXIT                   | O NOT USED                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 015616 014254                  | A 969       | DATA         | EPUN                   | P CREATE DBJECT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

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| 015662                                                                                                                                                                                                                                                 | 015150<br>015176<br>015224                                                                                                                                              | A                                     | 964<br>965<br>966                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                          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| 015662<br>015663<br>015664                                                                                                                                                                                                                             | 015176                                                                                                                                                                  | A<br>A<br>A                           | 965<br>966<br>967                                                                                                                                                                                | and a contract of the contract | DATA                                                                                                                                     | E6RG                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 8                          | - 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INN  URN FROM INPF 01 LODE  MSG2 QUID                                                                                                               | GET TERMINATOR  WITH PERIOD SET AND FOR LOAD AND EXECUTE GO TO BINARY LOADER  SAVE X MESSAGE: CHECKSUM ERROR  PRINT MESSAGE  OUTPUT X                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 8<br>8                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
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POWER DOWN II POWER UP INTE                                                       | GET TERMINATOR  WITH PERIOD SET A\O FOR LOAD AND EXECUTE GO TO BINARY LOADER  SAVE X MESSAGE: CHECKSUM ERROR  PRINT MESSAGE  OUTPUT X  EXEC SUPERVISOR  R UP/DOWN SUBROUTINE NTERRUPT ADDRESS 040 ERRUPT ADDRESS 042                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 8<br>8<br>8                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
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INN  'URN FROM INPF 01 LODE  MSG2 QUID  OUTE ETOP  TYPICAL POWEL POWER DOWN II                                                                      | GET TERMINATOR  WITH PERIOD SET A\O FOR LOAD AND EXECUTE GO TO BINARY LOADER  SAVE X MESSAGE: CHECKSUM ERROR  PRINT MESSAGE  OUTPUT X  EXEC SUPERVISOR  R UP/DOWN SUBROUTINE NTERRUPT ADDRESS 040 ERRUPT ADDRESS 042                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 8<br>8<br>8                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
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INN  'URN FROM INPF 01 LODE  MSG2 QUID  OUTE ETOP  TYPICAL POWEI POWER DOWN II POWER DOWN PI                                                        | GET TERMINATOR  WITH PERIOD SET A\O FOR LOAD AND EXECUTE GO TO BINARY LOADER  SAVE X MESSAGE: CHECKSUM ERROR  PRINT MESSAGE  OUTPUT X  EXEC SUPERVISOR  R UP/DOWN SUBROUTINE NTERRUPT ADDRESS 040 ERRUPT ADDRESS 042                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 8<br>8<br>8                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
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INN  TURN FROM INPF 01 LODE  MSG2 QUID  QUIT  ETOP  TYPICAL POWE! POWER DOWN II POWER UP INTE                                                       | GET TERMINATOR  WITH PERIOD SET A\O FOR LOAD AND EXECUTE GO TO BINARY LOADER  SAVE X MESSAGE: CHECKSUM ERROR  PRINT MESSAGE  OUTPUT X  EXEC SUPERVISOR  R UP/DOWN SUBROUTINE NTERRUPT ADDRESS 040 ERRUPT ADDRESS 042                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 8<br>8<br>8                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
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INN  'URN FROM INPF 01 LODE  MSG2 QUID  OUTE ETOP  TYPICAL POWE! POWER DOWN II POWER UP INT!  POWER DOWN P! 0 SAVA SAVA SAVA                   | GET TERMINATOR  WITH PERIOD SET AND FOR LOAD AND EXECUTE GO TO BINARY LOADER  SAVE X MESSAGE: CHECKSUM ERROR  PRINT MESSAGE  OUTPUT X  EXEC SUPERVISOR  R UP/DOWN SUBROUTINE PATERUPT ADDRESS 040  ERRUPT ADDRESS 042  ROCESSOR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 8<br>8<br>8                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
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INN  'URN FROM INPF 01 LODE  MSG2 QUTD  QUTE ETOP  TYPICAL POWER POWER DOWN II POWER UP INTI  O SAVA SAVA SAVA SAVA                                 | GET TERMINATOR  WITH PERIOD SET AND FOR LOAD AND EXECUTE GO TO BINARY LOADER  SAVE X MESSAGE: CHECKSUM ERROR  PRINT MESSAGE  OUTPUT X  EXEC SUPERVISOR  R UP/DOWN SUBROUTINE PATERUPT ADDRESS 040  ERRUPT ADDRESS 042  ROCESSOR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 8<br>8<br>8                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
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INN  TURN FROM INPF 01 LODE  MSG2 OUTD  OUTE ETOP  TYPICAL POWER POWER DOWN II POWER UP INTI POWER DOWN PI 0 SAVA SAVA SAVA SAVX V75           | GET TERMINATOR  WITH PERIOD SET AND FOR LOAD AND EXECUTE GO TO BINARY LOADER  SAVE X MESSAGE: CHECKSUM ERROR  PRINT MESSAGE  OUTPUT X  EXEC SUPERVISOR  R UP/DOWN SUBROUTINE PATERUPT ADDRESS 040  ERRUPT ADDRESS 042  ROCESSOR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 8<br>8<br>8                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
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INN  'URN FROM INPF 01 LODE  MSG2 QUTD  QUTE ETOP  TYPICAL POWER POWER DOWN II POWER UP INTI  O SAVA SAVA SAVA SAVA                                 | GET TERMINATOR  WITH PERIOD SET AND FOR LOAD AND EXECUTE GO TO BINARY LOADER  SAVE X MESSAGE: CHECKSUM ERROR  PRINT MESSAGE  OUTPUT X  EXEC SUPERVISOR  R UP/DOWN SUBROUTINE PATERUPT ADDRESS 040  ERRUPT ADDRESS 042  ROCESSOR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 8<br>8<br>8                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
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INN  TURN FROM INPF 01 LODE  MSG2 OUTD  OUTE ETOP  TYPICAL POWER POWER DOWN II POWER UP INTI POWER DOWN PI 0 SAVA SAVA SAVA SAVX V75           | GET TERMINATOR  WITH PERIOD SET AND FOR LOAD AND EXECUTE GO TO BINARY LOADER  SAVE X MESSAGE: CHECKSUM ERROR  PRINT MESSAGE  OUTPUT X  EXEC SUPERVISOR  R UP/DOWN SUBROUTINE PATERUPT ADDRESS 040  ERRUPT ADDRESS 042  ROCESSOR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 8<br>8<br>8                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
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INN  TURN FROM INPF 01 LODE  MSG2 OUTD  OUTE ETOP  TYPICAL POWER POWER DOWN II POWER UP INTI POWER DOWN PI 0 SAVA SAVA SAVB SAVX V75 PWDN1 SAVR3    | GET TERMINATOR  WITH PERIOD SET A\O FOR LOAD AND EXECUTE GO TO BINARY LOADER  SAVE X MESSAGE: CHECKSUM ERROR  PRINT MESSAGE  OUTPUT X  EXEC SUPERVISOR  R UP/DOWN SUBROUTINE NTERRUPT ADDRESS 040 ERRUPT ADDRESS 042  ROCESSOR  SAVE A, B AND X REGISTERS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 8<br>8<br>8<br>8           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
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INN  'URN FROM INPF 01 LODE  MSG2 QUID  OUTE ETOP  TYPICAL POWE! POWER DOWN II POWER UP INT! POWER DOWN P! 0 SAVA SAVB SAVX V75 PWDN1               | GET TERMINATOR  WITH PERIOD SET A\O FOR LOAD AND EXECUTE GO TO BINARY LOADER  SAVE X MESSAGE: CHECKSUM ERROR  PRINT MESSAGE  OUTPUT X  EXEC SUPERVISOR  R UP/DOWN SUBROUTINE NTERRUPT ADDRESS 040 ERRUPT ADDRESS 042  ROCESSOR  SAVE A, B AND X REGISTERS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 8<br>8<br>8                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
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| 015736 015733 A<br>015737 005001 A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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| 016025 141710 A<br>016026 142703 A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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| 016027 145723 A<br>016030 152715 A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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| 016031 120305 A<br>016032 151322 A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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| 016033 147722 A<br>016034 120240 A<br>016035 154240 A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  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| 016035 134240 A<br>016036 136640 A<br>016037 000000 A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  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| 016042 151331 A<br>016043 120323 A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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016044 144732 A
016045 142640 4
016046 144723
016047 120240 A
016050 126655 A 1058 MSG4 DATA
                                      "--K",0
016051 145640
016052 000000 A
016053 120240 A 1059 MSG5 DATA " INVALID", 0
016054 144716 A
016055 153301 A
016056 146311 A
016057 142240 A
016060 000000 A
016061 106612 A 1060 MSG6 DATA 0106612, THIS IS THE V75 TEST EXECUTIVE, 0106612, 0
016063 144723 A
016064 120311 A
016065 151640 A
016066 152310 A
016067 142640
016070 153267
016071 132640 A
016072 152305 A
016073 151724
016074 120305 A
016075 154305
016076 141725 A
016077 152311 A
016100 153305 A
016101 106612 A
016102 000000 A
                  1061 *
                  1062 *
                  1063 *
                            ROUTINE FOR DETERMINING CORE SIZE
                  1064
016103 000000 A 1065 ESZA
016104 100545 A 1066
                               ENTR
                                                        DISABLE MEMORY PARITY INT.
                               EXC
                                        0545
016105 006010 A
                  1067
                               LDAI
                                        014000
                                                        DISABLE
016106 014000 A
016107 103146 A 1068
                               OAR
                                                          CACHE
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                                        046
016110 010000 A 1069
016111 050002 A 1070
016112 005001 A 1071
                               LDA
                                STA
                                                        SAVE CONTENTS OF LOCATION ZERO
                                         2
                                TZA
016113 050000 A 1072
016114 005311 A 1073
016115 006120 A 1074 ESZ1
                                STA
                               DAR
                                                        A = 1
                               ADDI
                                        4096
                                                        NEXT 4K MEMORY ADDRESS
016116 010000 A
016117 005014 A 1075
                                TAX
016120 025001 A 1076
                                                        SAVE MEMORY CELL IN B REG
                               LDB
                                        1,1
016121 055001 A 1077
                               STA
016122 015001 A 1078
016123 130000 A 1079
                               LDA
Era
                                        1,1
016124 001010 A 1080
                                JAZ
                                        ESZZ
                                                        JUMP IF END OF MEMORY
016125 016132 A
016126 065001 A 1081
                                STB
                                                        RESTORE MEMORY CELL
                                        1,1
016127 005041 4
                                        ESZ1
016130 001000 A 1083
                               JMP
016131 016115 A
016132 010002 A 1084 ESZZ
016133 050000 A 1085
                                                        RESTORE CONTENTS OF
                               LDA
                               STA
                                        0
                                                        LOCATION ZERO
016134 005041 A 1086
                                TXA
016135 001000 A 1087
                                JMP*
                                        ESZA
016136 116103 A
                  1088 *
                  1089 *
                  1090 *
                            CONVERT MEMORY SIZE FOR ASCII PRINTOUT
                  1091 *
                  1092 *
016137 000000 A 1093 ESZB
                               ENTR
                                        0
016140 010441 A 1094
                                        SMEM
                                                        GET CORE SIZE(X7777)
TRUNCATE 7777
                               LDA
016141 004354 A 1095
                                LSRA
                                         12
016142 006120
                                        ETAB
                                                        ADDRESS OF THE ASCII EQUIV TABLE
                                ADDI
                 1096
016143 016153 A
016144 005014 A
                                                        GET ASCII EQUIV FROM TABLE ETAB
016145 015000 A 1098
                               LDA
                                         0,1
016146 006020 A 1099
                               LDBI
                                        MSGU
                                                        SET MEMORY SIZE(04,08,ETC) INTO MSG4
016147 016050 A
016150 056000 A 1100
                               STA
                                        0,2
016151 001000 A 1101
                                        ESZB
                                                        RETURN
                               JMP#
016152 116137 A
016153 120264 A 1102 ETAB
                                         0120264
                               DATA
                                                        ASCII 04
016154 120270 A 1103
                                DATA
                                        0120270
016155 130662 A 1104
                                DATA
                                        0130662
016156 130666 A 1105
                               DATA
                                        0130666
016157 131260 A 1106
                               DATA
                                        0131260
016160 131264
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                                DATA
                                         0131264
016161 131270 A 1108
016162 131662 A 1109
                               DATA
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                               DATA
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                  1113 *
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|                                    | MAINTAIN         | III         | - N.S                  | MAINIII                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | PAGE 17                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
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|                                    | 1117 *<br>1118 * |             | SENSE SWITCH           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>n</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|                                    | 1119 *           |             | BROUTINE PROVI         | IDES A STANDARD SENSE SWITCH INTERFACE.<br>IS AS FOLLOWS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | *                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                                    | 1121 *           |             |                        | X REGISTERS CONTAIN ERROR HALT VALUES.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <u>.</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|                                    | 1123 *           |             | DATA (U RE             | EGISTER VALUE)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | #<br>#                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                                    | 1124 *<br>1125 * |             | DATA (TERM             | OR MESSAGE ADDRESS) (IF NEG. ERROR SUB.) MINATION EXIT)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | *                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 4                                  | 1126 *<br>1127 * |             |                        | ON ERROR EXIT) AL EXIT RETURN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | *                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                                    | 1128 *<br>1129 * | STANDAR     | D SENSE SWITCH         | + SETTINGS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | *                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                                    | 1130 *<br>1131 * |             |                        | JPPRESS ERROR PRINTOUT ALLOW ERROR PRINTOUTS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | *                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                                    | 1132 *<br>1133 * |             | SS2 (SET) HA           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | *                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                                    | 1134 ±<br>1135 + |             | (RESET)                | DC NOT HALT ON ERROR<br>F HALT ON ERROR SET FIRST THEN RESET ON                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | *                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                                    | 1136 *           |             | <u>H</u>               | ALT CONDITION - LOOP UNTIL SET )                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | *                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                                    | 1137 *<br>1138 * |             | (RESET)                | ERMINATE TEST - RETURN TO BEGINING OF TEST CONTINUE TEST                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | *                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                                    | 1140 *           | 1996        |                        | **************************************                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 016163 054125 A<br>016164 064125 A | 1142             | STA<br>STB  | 38WS<br>33WS+1         | SAVE VOLATILE REGISTERS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 016165 074125 A<br>016166 001400 A |                  | 8TX<br>J883 | 99W9+2<br>99WE         | IF 393 SET RETURN THROUGH TERMINATION EX                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | I T                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 016167 016314 A<br>016170 001100 A |                  | J881        | SSW1                   | CHECK IF TTY SUPPRESSED                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | A CONTRACT OF CONTRACTOR OF STREET, CONTRACT |
| 016171 016213 A<br>016172 024132 A |                  | LDB         | SSWT                   | GET 2ND PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 016173 005122 A<br>016174 016000 A | 1147             | IBR<br>LDA  | 0,2                    | Yellan Ellin and Anna Anna Anna Anna Anna Anna Anna                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 016175 001010 A                    |                  | JAZ         | SSW1                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 016176 016213 A<br>016177 005012 A |                  | TAB         |                        | CHECK IF BIT 15 SET                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 016200 006150 A<br>016201 100000 A |                  | ANAI        | 0100000                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 016202 005014 A<br>016203 005021 A | 1153             | TAX<br>TBA  |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 016204 001040 A<br>016205 016210 A | 1154             | JXZ         | *+4                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 016206 001000 A<br>016207 016277 A | 1155             | JMP         | SSWR                   | CALL ERROR SUBROUTINE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 016210 005014 A<br>016211 002000 A |                  | TAX<br>Call | OUTO                   | PRINT ERROR MESSAGE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 016212 017040 A<br>016213 001400 A |                  | J883        | SSWE                   | IF SS3 SET - RETURN THROUGH TERMINATION E)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | (T                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 016214 016314 A<br>016215 010440 A |                  | LDA         | SFLG                   | CHECK IF LOOPING                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | The second secon |
| 016216 001010 A<br>016217 016250 A |                  | JAZ         | 89W4                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 016220 001200 A<br>016221 016235 A | 1161 99w2        | JSS2        | SSW3                   | LOOPING - CHECK IF TERMINATE LOOPING.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | A company of an exploration of an exploration of the annual contract |
| 016222 024102 A                    |                  |             | SSWT                   | RETURN THROUGH LOOP EXIT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | and the second s |
| 016223 005122 A<br>016224 005122 A | 1164             | IBR         |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 016225 005122 A<br>016226 016000 A | 1166             | IBR<br>LDA  | 0,2                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | randi ammana and a set of the set of                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 016227 054004 A<br>016230 014060 A | 1168             | STA<br>LDA  | *+5<br>S\$W\$          | RETURN VOLATILE REGISTERS.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 016231 024060 A<br>016232 034060 A | 1170             | LDS         | \$3#8+1<br>\$\$W\$+2   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 016233 001000 A<br>016234 016233 A | 1171             | JMP         | *                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | the second secon |
| 016235 005001 A<br>016236 050440 A |                  | TZA<br>STA  | SFLG                   | RETURN TO NORMAL EXIT (CONTINUATION EXIT)  CLEAR LOOP FLAG.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 016237 014065 A<br>016240 006120 A | 1174             | LDA<br>ADDI | 98WT<br>4              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 016241 000004 A<br>016242 054004 A |                  | STA         | *+5                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | The state of the s |
| 016243 014045 A<br>016244 024045 A | 1177             | LDA<br>LDB  | SSWS<br>SSWS+1         | RETURN VOLATILE REGISTERS.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 016245 034045 A<br>016246 001000 A | 1179             | LDX<br>JMP  | 88W8+2                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | The state of the transfer emergence of the state of the s |
| 016247 016246 A                    |                  |             | *                      | CHECK IF HALT ON ERROR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | The second secon |
| 016250 001200 A<br>016251 016254 A |                  |             |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 016252 001000 A<br>016253 016235 A |                  | JMP         |                        | RETURN TO NORMAL EXIT LOC.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | o removement of the removal and the second s |
| 016254 024050 A<br>016255 016000 A | 1184             | LDA         | 9.2                    | GET FIRST PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | The same of the sa |
| 016256 054003 A<br>016257 014031 A | 1186             | LDA         | *+4<br>83WS            | RETURNED SAVED PARAMETERS.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 016260 024031 A<br>016261 034031 A |                  | LDB<br>LDX  | \$\$W\$+1<br>\$\$W\$+2 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | and the second s |
| 016262 005000 A<br>016263 001400 A | 1189             | NOP<br>JSS3 |                        | 1ST PARAMETER STORED HERE AND EXECUTED.<br>IF 883 SET RETURN THROUGH TERMINATION EXI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | ( <b>1</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 016264 016314 A<br>016265 010440 A |                  |             |                        | CHECK IF LOOPING                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 016266 001010 A<br>016267 016272 A | 1192             | JAZ         | *+4                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | The second control of the second seco |
| 016270 001000 A<br>016271 016220 A |                  | JMP         | SMS                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                                    |                  |             |                        | and the second s | The same of the sa |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | A 1194                                                                                                                                                                                                                                             | JSS2                                                                                                           | SSW3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | LOOP FLAG ZERO - CHECK IF LOOP REQUEST                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
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| 016273 016235<br>016274 040440                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                    | INR                                                                                                            | SFLG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | INCREMENT LOOP FLAG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 016275 001000<br>016276 016222                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                    | JMP                                                                                                            | SSWL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | JUMP THROUGH LOOP EXIT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 016277 006150<br>016300 077777                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                    | R ANAI                                                                                                         | 077777                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ERROR SUBROUTINE MASK OUT BIT 15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 016301 054004                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | A 1198                                                                                                                                                                                                                                             | STA                                                                                                            | <b>*+5</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 016302 014006<br>016303 024006                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                    | LDA<br>LDB                                                                                                     | SSW <b>S</b><br>SSW <b>S</b> +1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 016304 034006                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | A 1201                                                                                                                                                                                                                                             | LDX                                                                                                            | SSWS+2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | THE PROPERTY CONTRACTOR OF THE PROPERTY CONTRACT |
| 016305 002000                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                    | JMPM                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | CALL ERROR SUBROUTINE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 016307 001000                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | A 1203                                                                                                                                                                                                                                             | <b>Ј</b> МР                                                                                                    | SSW1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 016310 016213<br>016311                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1204 SSW                                                                                                                                                                                                                                           | s 888                                                                                                          | 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
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| 016315 050440<br>016316 024006                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                    | STA<br>LDB                                                                                                     | SFLG<br>SSWT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | CLEAR LOOP FLAG.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 016317 005122<br>016320 005122                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                    | IBR<br>IBR                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | SET UP TERMINATION EXIT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 016321 016000                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                    | LDA                                                                                                            | 0,2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 016322 054001<br>016323 001000                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                    | STA<br>JMP                                                                                                     | *+2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | The second secon |
| 016324 016323                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | A                                                                                                                                                                                                                                                  | *                                                                                                              | · • • · · · · · · · · · · · · · · · · ·                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 016325 000000<br>016326 001000                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                    | T ENTR                                                                                                         | SSWP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | SENSE SWITCH SUBROUTINE ENTRANCE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 016327 016163                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | A                                                                                                                                                                                                                                                  | A.i.L.                                                                                                         | OUNI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
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| 016330 002000<br>016331 016716                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                    | I CALL                                                                                                         | INPH, INA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 2 SENSE BFR RDY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 016332 016337                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | A                                                                                                                                                                                                                                                  |                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 016333 001400<br>016334 016343                                                                                                                                                                                                                                                                                                                                                                                                                                                           | A 1219                                                                                                                                                                                                                                             | JSS3                                                                                                           | INAS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 016335 001000                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                    | JMP                                                                                                            | INAI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 016336 016330<br>016337 002000                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                    | 2 CALL                                                                                                         | INPI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | INPUT CHARACTER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 016340 016730                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | A                                                                                                                                                                                                                                                  |                                                                                                                | 94104                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 016341 044002                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                    | INR<br>INR                                                                                                     | INPA<br>INPA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | NORMAL EXIT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
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| 016344 000000<br>016344                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1225 INP                                                                                                                                                                                                                                           | A BES                                                                                                          | 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | ENTER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 016345 001000<br>016346 016330                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                    | JMP                                                                                                            | INA1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 010340 010330                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1227 *                                                                                                                                                                                                                                             |                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
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| 016350 016344<br>016351 001000                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                    | JMP*                                                                                                           | INPB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | TERMINATE EXIT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 016352 116360                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | A                                                                                                                                                                                                                                                  |                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 016353 002000<br>016354 016733                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                    | CALL                                                                                                           | OUTA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | OUTPUT ONE CHARACTER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 016355 044002                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                    | INR                                                                                                            | INPB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 016356 044001                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                    | INR<br>Jmp#                                                                                                    | INPB<br>0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | EXIT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 016357 001000                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | A 1235                                                                                                                                                                                                                                             |                                                                                                                | The state of the s |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 016357 001000<br>016360 100000                                                                                                                                                                                                                                                                                                                                                                                                                                                           | A                                                                                                                                                                                                                                                  | and the real of the second | ^                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1236 INP                                                                                                                                                                                                                                           | and the real of the second | 0<br>INB1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 016360 100000<br>016360                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | A 1236 INPE<br>A 1237                                                                                                                                                                                                                              | BES                                                                                                            | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 016360 100000<br>016360<br>016361 001000                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1236 INP<br>A 1237<br>A<br>1238 *<br>1239 *                                                                                                                                                                                                        | B BES<br>JMP                                                                                                   | INB1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 016360 100000<br>016360<br>016361 001000                                                                                                                                                                                                                                                                                                                                                                                                                                                 | A 1236 INPO<br>A 1237<br>A 1238 * 1239 * 1240 *                                                                                                                                                                                                    | B BES<br>JMP                                                                                                   | INB1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | ER (EDITED)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 016360 100000<br>016360<br>016361 001000<br>016362 016347                                                                                                                                                                                                                                                                                                                                                                                                                                | A 1236 INP A 1237 A 1238 * 1239 * 1240 * 1241 * 4 1242 INC                                                                                                                                                                                         | BES<br>JMP<br>INPUT O                                                                                          | INB1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | ER (EDITED)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 016360 100000<br>016360<br>016361 001000<br>016362 016347<br>016363 002000<br>016364 016360                                                                                                                                                                                                                                                                                                                                                                                              | A 1236 INPO<br>A 1237<br>A 1238 * 1239 * 1240 * 1241 * A 1242 INC                                                                                                                                                                                  | B BES<br>JMP<br>INPUT O                                                                                        | INB1  NE CHARACT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 016360 100000<br>016360 01000<br>016361 001000<br>016362 016347<br>016363 002000<br>016364 016360<br>016365 001000<br>016366 116412                                                                                                                                                                                                                                                                                                                                                      | A 1236 INPI<br>A 1237<br>A 1238 * 1239 * 1240 * 1241 * A 1242 INC                                                                                                                                                                                  | BES<br>JMP<br>INPUT D<br>3 CALL<br>JMP*                                                                        | INB1  NE CHARACTI  INPB  INPC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | TERMINATE EXIT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 016360 100000<br>016360 01000<br>016361 001000<br>016362 016347<br>016363 002000<br>016364 016360<br>016365 001000<br>016366 116412<br>016367 006130                                                                                                                                                                                                                                                                                                                                     | A 1236 INPO<br>A 1237 A 1238 * 1239 * 1240 * 1241 * 4 1242 INCO                                                                                                                                                                                    | B BES<br>JMP<br>INPUT O                                                                                        | INB1  NE CHARACT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 016360 100000<br>016360 01000<br>016361 001000<br>016362 016347<br>016363 002000<br>016364 016360<br>016365 001000<br>016366 116412<br>016367 006130<br>016370 000334<br>016371 001010                                                                                                                                                                                                                                                                                                   | A 1236 INPA<br>A 1237<br>A 1238 * 1240 * 1241 * A 1242 INC<br>A 1243 A 1244 A 1244 A A 1245                                                                                                                                                        | BES<br>JMP<br>INPUT D<br>3 CALL<br>JMP*                                                                        | INB1  NE CHARACTI  INPB  INPC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | TERMINATE EXIT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 016360 100000<br>016360 01000<br>016361 001000<br>016362 016347<br>016363 002000<br>016364 016360<br>016365 001000<br>016365 116412<br>016367 006130<br>016370 000334<br>016371 001010<br>016372 016407                                                                                                                                                                                                                                                                                  | A 1236 INPI<br>A 1237<br>A 1238 * 1239 * 1240 * 1241 * A 1242 INC<br>A 1243 A 1244 A A 1245 A                                                                                                                                                      | BES JMP  INPUT D  CALL  JMP*  ERAI  JAZ                                                                        | INB1  NE CHARACTI  INPB  INPC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | TERMINATE EXIT  BACKSLASH  ABORT INPUT EXIT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 016360 100000<br>016361 001000<br>016362 016347<br>016363 002000<br>016364 016360<br>016365 001000<br>016366 116412<br>016370 000334<br>016371 001010<br>016372 016407<br>016373 006130<br>016374 000334                                                                                                                                                                                                                                                                                 | A 1236 INPO<br>A 1237<br>A 1238 * 1239 * 1240 * 1241 * 4<br>A 1242 INC<br>A 1243 A 1244 A 1245<br>A 1245 A 1246 A                                                                                                                                  | BES JMP  INPUT D  CALL JMP*  ERAI JAZ ERAI                                                                     | INB1  NE CHARACTI INPB  INPC  INC2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | TERMINATE EXIT  BACKSLASH  ABORT INPUT EXIT  RESTORE A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 016360 100000<br>016360 01000<br>016361 001000<br>016362 016347<br>016363 002000<br>016364 016360<br>016365 001000<br>016366 116412<br>016377 000334<br>016377 001010<br>016373 00630<br>016374 000334<br>016374 000334                                                                                                                                                                                                                                                                  | A 1236 INPI<br>A 1237 A 1238 * 1239 * 1240 * 1241 * A 1242 INC<br>A 1243 A 1244 A 1245 A 1245 A 1246 A 1247                                                                                                                                        | BES JMP  INPUT D  CALL  JMP*  ERAI  JAZ                                                                        | INB1  NE CHARACTI  INPB  INPC  '\'  INC2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | TERMINATE EXIT  BACKSLASH  ABORT INPUT EXIT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 016360 100000<br>016360 01000<br>016361 001000<br>016362 016347<br>016364 016360<br>016365 01000<br>016366 116412<br>016367 000334<br>016372 016407<br>016373 006130<br>016374 000334<br>016374 000334<br>016375 006130<br>016376 000337<br>016376 000337                                                                                                                                                                                                                                | A 1236 INPO<br>A 1237 A 1238 * 1239 * 1240 * 1241 * 4 1242 INCO<br>A 1243 A 1243 A 1244 A A 1245 A 1245 A 1247 A A 1247 A A 1247 A A 1248                                                                                                          | BES JMP  INPUT D  CALL JMP*  ERAI JAZ ERAI                                                                     | INB1  NE CHARACTI INPB  INPC  INC2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | TERMINATE EXIT  BACKSLASH  ABORT INPUT EXIT  RESTORE A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 016360 100000<br>016361 001000<br>016362 016347<br>016362 016347<br>016364 016360<br>016364 016360<br>016365 01000<br>016370 000334<br>016371 001010<br>016372 016407<br>016373 006130<br>016374 000334<br>016375 006130<br>016376 000337<br>016377 001010<br>016377 001010                                                                                                                                                                                                              | A 1236 INPO<br>A 1237 A<br>1238 * 1239 * 1241 * 4<br>1241 * 4<br>1242 INC<br>A 1243 A<br>A 1244 A<br>A 1245 A<br>A 1246 A<br>A 1247 A<br>A 1248 A                                                                                                  | B BES JMP  INPUT D  CALL JMP*  ERAI JAZ  ERAI ERAI JAZ                                                         | INB1  NE CHARACTI INPB  INPC  INC2  0337  INC1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | TERMINATE EXIT  BACKSLASH  ABORT INPUT EXIT  RESTORE A  BACKARROW  DELETE ONE CHARACTER EXIT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 016360 100000<br>016360 01000<br>016361 001000<br>016362 016347<br>016363 002000<br>016364 016360<br>016365 001000<br>016365 116412<br>016377 006130<br>016372 016407<br>016373 006130<br>016374 000334<br>016375 006130<br>016376 000337<br>016377 001010<br>016377 001010<br>016400 016405<br>016400 016405                                                                                                                                                                            | A 1236 INPI<br>A 1237 A 1238 * 1239 * 1240 * 1241 * A 1242 INC<br>A 1243 A 1244 A A 1245 A 1245 A 1246 A A 1247 A A 1248 A A 1248 A A 1249 A                                                                                                       | B BES JMP  INPUT D  CALL JMP*  ERAI JAZ ERAI ERAI JAZ ERAI                                                     | INB1  NE CHARACTI INPB  INPC  INC2  0337  INC1  0337                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | TERMINATE EXIT  BACKSLASH  ABORT INPUT EXIT  RESTORE A  BACKARROW                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 016360 100000<br>016360 01000<br>016361 001000<br>016362 016347<br>016364 016360<br>016365 01000<br>016365 116412<br>016367 006130<br>016370 000334<br>016371 001010<br>016372 016407<br>016373 006130<br>016374 000334<br>016374 000334<br>016375 006130<br>016376 000337<br>016377 001010<br>016400 016405<br>016401 0016337<br>016402 000337                                                                                                                                          | A 1236 INPI<br>A 1237 A<br>1238 * 1239 * 1240 * 1241 * 4<br>A 1242 INC<br>A 1243 A<br>A 1244 A<br>A 1245 A<br>A 1246 A<br>A 1247 A<br>A 1248 A<br>A 1248 A<br>A 1249 A<br>A 1250                                                                   | B BES JMP  INPUT O  GALL JMP*  ERAI JAZ  ERAI  ERAI JAZ  ERAI INR                                              | INB1  NE CHARACTI INPB INPC INC2 0337 INC1 0337 INPC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | TERMINATE EXIT  BACKSLASH  ABORT INPUT EXIT  RESTORE A  BACKARROW  DELETE ONE CHARACTER EXIT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 016360 100000<br>016360 01000<br>016361 001000<br>016362 016347<br>016363 002000<br>016364 016360<br>016365 001000<br>016366 116412<br>016377 006130<br>016371 001010<br>016374 000334<br>016374 000334<br>016374 000334<br>016375 006130<br>016376 000337<br>016377 01010<br>016400 016405<br>016400 000337                                                                                                                                                                             | A 1236 INPI<br>A 1237 A 1238 * 1239 * 1240 * 1241 * A 1242 INC<br>A 1242 INC<br>A 1243 A 1244 A 1245 A 1245 A 1245 A 1246 A 1247 A 1248 A 1247 A 1248 A 1249 A 1250 A 1251 A 1251 INC                                                              | BES JMP  INPUT D  CALL  JMP*  ERAI  JAZ  ERAI  ERAI  JAZ  ERAI  INR  INR                                       | INB1  NE CHARACTI INPB  INPC  INC2  O337  INC1  O337  INPC  INPC  INPC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | TERMINATE EXIT  BACKSLASH  ABORT INPUT EXIT  RESTORE A  BACKARROW  DELETE ONE CHARACTER EXIT  RESTORE A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 016360 100000<br>016360 01000<br>016361 001000<br>016362 016347<br>016363 002000<br>016364 016360<br>016365 001000<br>016365 116412<br>016370 006130<br>016372 016407<br>016373 006130<br>016374 000334<br>016377 001010<br>016375 006130<br>016376 000337<br>016377 001010<br>016400 016405<br>016400 0044000<br>016400 044004<br>016400 044004                                                                                                                                         | A 1236 INPRA 1237  A 1238 * 1239 * 1240 * 1241 * A 1242 INCA A 1243 A A 1245 A A 1245 A A 1246 A A 1247 A A 1248 A A 1248 A A 1250 A 1251 A 1252 INCA 1253                                                                                         | BES JMP  INPUT O  CALL  JMP*  ERAI  JAZ  ERAI  ERAI  INR  INR  INR                                             | INB1  NE CHARACTI INPB  INPC  INC2  0337  INC1  0337  INPC INPC INPC INPC INPC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | TERMINATE EXIT  BACKSLASH  ABORT INPUT EXIT  RESTORE A  BACKARROW  DELETE ONE CHARACTER EXIT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
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|      |                                             | 1260 |             | ALPHA C            | HARACTER FROM TTY KEYBUARD TO A REG                                                                             |
|------|---------------------------------------------|------|-------------|--------------------|-----------------------------------------------------------------------------------------------------------------|
|      | 016415 002000 A                             | 1261 |             | INPC               | INPUT ONE CHAR                                                                                                  |
|      | 016416 016412 A<br>016417 001000 A          |      |             | INPO               | TERMINATE EXIT                                                                                                  |
|      | 016420 116446 A                             |      |             |                    |                                                                                                                 |
|      | 016421 001000 A<br>016422 016443 A          |      | **          | INDS               | ABORT INPUT EXIT                                                                                                |
|      | 016423 001000 A<br>016424 016441 A          |      | JMP         | IND1               | DELETE PREVIOS CHARACTER EXIT                                                                                   |
| , .  | 016425 006140 A<br>016426 000301 A          | 1266 | SUBI        | 0301               | CHAR A                                                                                                          |
|      | 016427 001004 A                             | 1267 | JAN         | IND3               | INVALID INPUT                                                                                                   |
|      | 016430 016451 A<br>016431 006140 A          |      | SUBI        | 032                | CHAR Z                                                                                                          |
|      | 016432 000032 A<br>016433 001002 A          |      | JAP         | TND%               | INVALID INPUT                                                                                                   |
| ,    | 016434 016451 A                             |      |             |                    |                                                                                                                 |
|      | 016435 006120 A<br>016436 000333 A          |      | ADDI        | 0333               | RESTORE A                                                                                                       |
|      | 016437 044006 A<br>016440 044005 A          |      |             | INPD<br>INPD       | NORMAL EXIT                                                                                                     |
|      | 016441 044004 A                             | 1273 | IND1 INR    | INPD<br>INPD       | DELETE PREVIOS CHARACTER EXIT                                                                                   |
|      | 016442 044003 A<br>016443 044002 A          | 1275 | IND2 INR    | INPD               | ABORT INPUT EXIT                                                                                                |
|      | 016444 044001 A<br>016445 001000 A          |      |             | INPD<br>0          | EXIT                                                                                                            |
|      | 016446 100000 A<br>016446                   |      | INPD BES    | 0                  |                                                                                                                 |
|      | 016447 001000 A                             | 1279 |             | IND4               |                                                                                                                 |
|      | 016450 016415 A<br>016451 002000 A          |      | IND3 CALL   | DUTG               | INVALID INPUT PRINT MESSAGE                                                                                     |
|      | 016452 017070 A<br>016453 001000 A          |      | <b>GM</b> L | IND2               | ABORT                                                                                                           |
|      | 016454 016443 A                             |      |             |                    |                                                                                                                 |
|      |                                             | 1282 | . •         |                    |                                                                                                                 |
|      |                                             | 1284 | * INPUT TW  | O LETTER           | CHARACTERS FROM TTY                                                                                             |
|      | 016455 002000 A                             | 1286 |             | INPD               | INPUT ALPHA CHAR                                                                                                |
| •    | 016456 016446 A<br>016457 001000 A          | 1287 | JMP+        | INPE               | TERMINATE EXIT                                                                                                  |
|      | 016460 116507 A<br>016461 001000 A          |      | JMP         | INEZ               | ABORT INPUT EXIT                                                                                                |
|      | 016462 016504 A<br>016463 001000 A          |      |             | INE1               | DELETE PREVIOS CHARACTER EXIT                                                                                   |
|      | 016464 016502 A                             | _    |             |                    | DEFEIT LUCATOR CHARACTER ENTI                                                                                   |
|      | 016465 004250 A<br>016466 054453 A          |      |             | 8<br>T <b>s</b> 02 |                                                                                                                 |
|      | 016467 002000 A<br>016470 016446 A          |      | GALL        | INPD               | INPUT ALPHA CHAR                                                                                                |
|      | 016471 001000 A                             | 1293 | JMP*        | INPE               | TERMINATE EXIT                                                                                                  |
| •    | 016472 116507 A<br>016473 001000 A          |      | JMP         | INEZ               | ABORT INPUT EXIT                                                                                                |
|      | 016474 016504 A<br>016475 001000 A          |      | <b>AM</b> L | INE3               | DELETE PREVIOUS CHARACTER EXIT                                                                                  |
|      | 016476 016455 A                             |      |             | 7802               |                                                                                                                 |
|      | 016477 114442 A<br>016500 044006 A          | 1297 | INR         | INPE               | NORMAL EXIT                                                                                                     |
|      | 016501 044005 A<br>016502 044004 A          |      |             | INPE               | DELETE PREVIOS CHARACTER EXIT                                                                                   |
|      | 016503 044003 A<br>016504 044002 A          | 1300 | INR         | INPE               |                                                                                                                 |
|      | 016505 044001 A                             | 1302 | INR         | INPE               |                                                                                                                 |
| -    | 016506 001000 A<br>016507 100000 A          |      |             |                    | EXIT.                                                                                                           |
|      | 016507<br>016510 001000 A                   |      | INPE BES    | 0<br>INES          |                                                                                                                 |
| •    | 016511 016455 A                             |      |             |                    |                                                                                                                 |
|      |                                             | 1307 | * INPUT PER | IOD, COMM          | A FOR MESSAGE TERMINATOR                                                                                        |
|      | 016512 002000 A                             | 1308 | *           | INPC               | INPUT ONE CHARACTER                                                                                             |
|      | 016513 016412 A<br>016514 001000 A          |      |             | INPF               |                                                                                                                 |
|      | 016515 116547 A                             |      |             | 7.77               |                                                                                                                 |
| 2.00 | 016516 001000 A<br>016517 016544 A          |      |             | INFZ               | ABORT INPUT EXIT                                                                                                |
|      | 016520 001000 A<br>016521 016542 A          | 1312 | JMP         | INF1               | DELETE PREVIOS CHARACTER EXIT                                                                                   |
|      | 016522 006140 A                             | 1313 | SUBI        | 0254               | COMMA                                                                                                           |
|      | 016523 000 <b>25</b> 4 A<br>016524 001010 A | 1314 | JAZ         | INF3               | COMMA EXIT                                                                                                      |
|      | 016525 016540 A<br>016526 006140 A          |      | SUBI        | 02                 | PERIOD                                                                                                          |
|      | 016527 000002 A                             |      |             | TNEA               | BEDION EVIT                                                                                                     |
|      | 016530 001010 A<br>016531 016536 A          | 7    |             | INF4               | PRINT INVALID MESSAGE                                                                                           |
|      | 016532 002000 A<br>016533 017070 A          |      | CALL        | DUTG               | PRINT INVALID MESSAGE                                                                                           |
|      | 016534 001000 4<br>016535 016544 A          | 1318 | JMP         | - · <del>-</del>   |                                                                                                                 |
|      | 016536 044010 A                             | 1319 |             | INPF               | NORMAL EXIT                                                                                                     |
|      | 016537 044007 A<br>016540 044006 A          |      |             | INPF<br>INPF       | COMMA EXIT                                                                                                      |
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016634 A 6600 06120 A 1349 6601 00010 A 6602 054340 A 1351 6604 00443 A 1351 6604 00443 A 1353 6606 001020 A 1354 6607 016612 A 6610 001000 A 1355 6611 016651 A 6612 054327 A 1356 6613 040471 A 1357 6614 001000 A 1355 6615 016557 A 6616 044010 A 1359 6617 044007 A 1360 6621 044006 A 1364 6622 044004 A 1363 6623 044004 A 1363 6624 024321 A 1365 6627 00000 A 1367 6627 00000 A 1367 6627 00000 A 1367 6628 044004 A 1363 6629 044004 A 1363 6621 044005 A 1362 6622 044004 A 1363 6623 044004 A 1363 6623 044004 A 1363 6624 024321 A 1365 6625 014314 A 1366 6626 001000 A 1367 6637 00000 A 1367 6637 00000 A 1370 6637 001010 A 1377 6636 000254 A 6637 001010 A 1377 6636 000254 A 6647 001010 A 1377 6636 000254 A 6647 001010 A 1377 6650 016620 A 6641 006140 A 1374 6640 016620 A 6641 006140 A 1374 6655 014264 A 1381 6657 054262 A 1388 6657 054262 A 1388 6657 054262 A 1388 6657 054262 A 1388 6658 000000 A 1387 | 6562 116627 A 6563 001000 A 1342 6564 016622 A 6567 0501000 A 1343 6566 016655 A 6567 050354 A 1344 6570 000140 A 1345 6571 000260 A 6572 001004 A 1346 6573 016634 A 6574 006140 A 1347 6575 000010 A 6576 001002 A 1349 6601 000010 A 6576 001002 A 1349 6601 000010 A 6602 054340 A 1350 6604 00443 A 1351 6604 00443 A 1355 6605 114335 A 1353 6606 001020 A 1354 6607 016612 A 6612 054327 A 1356 6613 040471 A 1357 6614 001000 A 1357 6614 001000 A 1357 6616 044010 A 1357 6617 044007 A 1360 6620 044004 A 1361 ING4 6621 044005 A 1361 6622 044004 A 1363 ING2 6623 044004 A 1363 ING2 6624 024321 A 1356 6625 014314 A 1366 6626 001000 A 1367 6627 000000 A 1367 6630 00200 A 1367 6630 00200 A 1367 6631 016730 A 6632 014000 A 1367 6634 014307 A 1371 ING6 6635 001000 A 1370 6633 016552 A 6634 014307 A 1371 ING6 6636 000254 A 6637 001010 A 1375 6640 016620 A 6641 006140 A 1377 6630 00200 A 1367 6631 016700 A 1377 6633 011010 A 1377 6640 016620 A 6641 006140 A 1377 6653 001000 A 1376 6650 014264 A 1361 ING4 6651 006000 A 1376 6650 014600 A 1377 6654 016622 A 6655 014264 A 1361 ING6 6650 010471 A 1377 6654 016622 A 6655 014264 A 1361 ING6 6650 010471 A 1377 6654 016622 A 6656 00440 A 1367 6657 014662 A 1368 6660 010000 A 1376 6650 01000 A 1376 6651 016620 A 6652 017070 A 6653 01000 A 1376 6654 016622 A 6655 014264 A 1381 6666 000002 A 1366 6650 010000 A 1377 6654 016622 A 6656 010000 A 1376 6656 014264 A 1388 6666 010000 A 1376 6666 010000 A 1377 6664 016616 A 6656 010000 A 1376 6664 016616 A 6665 014661 A 1388 6666 010000 A 1366 | 6562 116627 A 6563 001000 A 6564 016622 A 6565 001000 A 6567 054354 A 6570 006140 A 6572 001004 A 6573 016634 A 6574 006140 A 6576 001002 A 6577 016634 A 6577 016634 A 6600 006120 A 6602 054340 A 6573 014336 A 6574 014336 A 6574 014336 A 6575 00010 A 6576 01002 A 6577 016634 A 6602 054340 A 6578 014336 A 6579 016612 A 6603 014336 A 6570 014336 A 6570 014612 A 6603 014336 A 6570 016612 A 6604 004443 A 6570 016612 A 6605 114335 A 6570 01002 A 6570 016612 A 6606 01020 A 6607 016612 A 6610 04000 A 6611 016651 A 6612 054327 A 6513 040471 A 6513 040471 A 6514 001000 A 6515 016557 A 6616 044010 A 6615 016557 A 6616 044004 A 6617 044007 A 6136 044008 A 6620 044008 A 6621 044008 A 6621 044008 A 6621 044008 A 6622 044008 A 6623 044008 A 6624 024321 A 6625 014314 A 6626 01000 A 6627 000000 A 6620 044004 A 6620 044004 A 6621 04606 A 6624 024321 A 6625 014314 A 6626 01000 A 6627 000000 A 6628 001000 A 6629 01000 A 6630 01660 A 6640 01660 A 6650 01660 A 6650 01660 A 6660 01660 A | 6562 116627 A 6563 001000 A 1342 JMP ING2 6564 016622 A 6565 001000 A 1343 JMP ING1 6566 016655 A 6567 054354 A 1344 STA T805 6570 006140 A 1345 SUBI 0260 6571 000260 A 6572 001004 A 1346 JAN ING6 6573 016634 A 6574 006140 A 1347 SUBI 010 6575 001001 A 6576 001002 A 1348 JAP ING6 6577 016634 A 6578 001002 A 1348 JAP ING6 6577 016634 A 6576 001002 A 1349 ADDI 010 6601 000010 A 6576 001002 A 1350 STA T803 6600 006120 A 1351 LDA IS02 6600 006120 A 1351 LDA IS02 6600 001000 A 1355 LLRL 3 6600 001000 A 1355 JMP ING8 6601 016612 A 6610 001000 A 1355 JMP ING8 6611 016651 A 6612 054327 A 1356 STA T802 6613 040471 A 1357 INR T804 6614 04010 A 1358 JMP ING5 6617 044007 A 1360 INR INPG 6617 044007 A 1360 INR INPG 6620 044004 A 1363 ING2 INR INPG 6621 044004 A 1363 ING2 INR INPG 6622 044004 A 1363 ING2 INR INPG 6622 044004 A 1363 ING2 INR INPG 6623 044004 A 1363 ING2 INR INPG 6624 024321 A 1365 LDB T807 6625 014314 A 1366 LDA T805 6625 014314 A 1366 LDA T805 6626 01000 A 1367 JMP 0627 000000 A 1361 INR INPG 6628 01000 A 1367 JMP 0629 01000 A 1370 JMP ING7 6633 01652 A 6640 016610 A 1371 ING6 LDA T805 6641 016610 A 1372 SUBI 0254 6642 00640 A 1374 SUBI 0254 6643 01610 A 1373 JAZ ING3 6644 016616 A 6655 000000 A 1367 JMP ING2 6650 01000 A 1374 SUBI 0254 6650 000000 A 1374 SUBI 0254 6650 00640 A 1375 JAZ ING3 6660 01000 A 1379 JMP ING2 6650 00640 A 1374 SUBI 0256-0215 6650 00640 A 1374 SUBI 02660 01000 A 1379 JMP ING2 6650 00640 A 1374 SUBI 02660 01000 A 1379 JMP ING2 6650 00640 A 1378 JMP ING2 6650 00640 A 1388 JMB ING LDA T804 6650 00640 A 1388 JMB ING LDA T804 6650 00640 A 1388 JMB ING LDA T804 6660 010010 A 1379 JMP ING2                                                                                                                   |

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PAGE 21
                     MAINTAIN III
                                                      MAINIII
 016666 002000 A 1391
                                        INPG
                                CALL
 016667 016627 A
016670 001000 A
                                JMP
                                        ETOP
 016671 015512 A
 016672 001000 A 1393
                                JMP
                                        ETOP
 016673 015512 A
  016674 001000 A 1394
                                JMP+
                                        TNN
 016675 116665 A
                                JMP#
 016676 001000 A 1395
                                        INN
 016677 116665 A
                   1396
                   1397 *
                                SENSE TTY BFR RDY
                   1398 *
 016700 054020 A 1399 INH1
                                        INH2
                                                        SAVE A
 016701 014014 A 1400
                                LDA
                                        INPH
                                                        MODIFY RETURN
 016702 006110 A 1401
                                ORAI
                                        0100000
 016703 100000 A
 016704 054006 A 1402
016705 010473 A 1403
                                STA
                                        INH3+1
                                LDA
                                        STTY
                                                        ADJ SBR
 016706 006110 A
016707 101200 A
                                DRAI
                                        0101200
  016710 054001 A 1405
                                STA
                                        *+2
 016711 014007 A 1406
                                LDA
                                                        RESTORE A
                                        INH2
  016712 101000 A 1407 INH3
                                SEN
                                        0,*
  016713 016712 A
 016714 044001 A
                                INR
                                        INPH
                  1408
 016715 001000 A 1409
                                JMP
                                        0
 016716 000000 A
 016716 1410
016717 001000 A 1411
                   1410 INPH
                                BES
                                                        ENTER
                                        INH1
 016720 016700 A
 016721 000000 A
                   1412 INH2
                                DATA
                                        0
                   1414 #
                                INPUT CHARACTER FROM TTY W/OUT SENSING BFR RDY
                    415 *
 016722 010473 A 1416 INT1
016723 006110 A 1417
                                LDA
                                        STTY
                                                        ADJ. CIA
                                        0102500
                                DRAI
 016724 102500 A
  016725 054000 A 1418
                                STA
                                        *+1
  016726 102500 A 1419
                                                        INPUT
                                CIA
                                        0
 016727 001000 A 1420
  016730 000000 A
  016730
                   1421 INPI
                                                        ENTER
 016731 001000 A 1422
                                JMP
                                         INI1
  016732 016722 A
                   1423 *
                                OUTPUT ONE CHARACTER FROM A REG TO TTY
                   1424 *
                   1425 *
 016733 000000 A 1426 DUTA
                                ENTR
 016734 074204 A 1427
                                        TS01
                                STX
                                                       SAVE X
 016735 005014 A 1428
                                TAX
  016736 010473 A 1429
                                LDA
 016737 006110 A 1430
                                ORAI
                                        0101100
                                                       ADJUST TTY DA
 016740 101100 A
  016741 054006 A 1431
                                STA
 016742 006120 A 1432
                                ADDI
                                        002000
 016745 002000 A
 016744 054013 A 1433
                                STA
                                        DUT1
 016745 005041 A 1434
                                TYA
                                                        TIME - OUT CONSTANT
  016746 006030 A 1435
                                        -1
                                LDXI
 016747 177777 A
 016750 101000 A 1436
                                SEN
                                       0.OUT1
                                                       WRITE REGISTER READY
  016751 016760 A
 016752 002000 A 1437
                                CALL
                                        TOUT
 016753 017136 A
 016754 005011 A 1438
                                MERG
                                        011
 016755 000115 A 1439
                                HLT
                                        77
 016756 001000 A 1440
                                JMP
                                        *=6
 016757 016750 A
 016760 103100 A 1441 DUT1
                                DAR
 016761 034157 A 1442
                                LDX
                                        TS01
                                                        RESTORE X
 016762 001000 A 1443
                                JMP
                                        OUTA
 016763 116733 A
                   1445 *
                            OUTPUT TWO CHARACTERS FROM A REG TO TTY (HIGH ORDER FIRST)
                   1446 *
                   1447 *
                            ENTER WITH CHARACTERS IN A REG
                   1448 *
 016764 000000 A 1449 DUTB
                                ENTR
 016765 064157 A 1450
                                STB
                                        7506
                                                        SAVE B
 016766 004550 A
                  1451
                                LLSR
 016767 002000 A 1452
                                CALL
                                        OUTA
                                                        OUTPUT FIRST CHAR
 016770 016733
 016771 004450 A 1453
                                LLRL
                                        A
 016772 002000 A 1454
                                        OUTA
                                CALL
                                                        DUTPUT SECOND CHAR
 016773 016733 A
 016774 024150 A 1455
                                LDB
                                        T806
                                                        RESTORE B
 016775 001000 A 1456
                                JMP*
                                        OUTB
                                                        RETURN
 016776 116764 A
                            OUTPUT CARRIAGE RETURN AND LINE FEED TO TTY
                   1459 *
 016777 000000 A 1460 OUTC
                                ENTR
                                        0
 017000 054005 A 1461
                                STA
                                        *+6
                                                        SAVE A
017001 006010 A 1462
                                LDAI 0106612
                                                      CR AND LF
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| 017002 106612<br>017003 002000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                 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| 017007 001000<br>017010 116777                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                 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AL  O ISO2 (( * OUTB  TSO2 OUTE  ') * OUTB  OUTF  NPUT==PRINT N                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | SAVE WORD PAREN SPACE PRINT CHAR  OUTPUT OCTAL WORD  RIGHT PARENTHESIS AND SPACE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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AL  O TSO2  (( '  OUTB  TSO2 OUTE  ') '  OUTB  OUTF  NPUT==PRINT N  MSG5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | SAVE WORD PAREN SPACE PRINT CHAR  OUTPUT OCTAL WORD  RIGHT PARENTHESIS AND SPACE  MESSAGE INVALID MESSAGE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            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AL  O ISO2 (( * OUTB  TSO2 OUTE  * OUTE  OUTF  NPUT==PRINT N OMSG5 OUTD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | SAVE WORD PAREN SPACE PRINT CHAR  OUTPUT OCTAL WORD  RIGHT PARENTHESIS AND SPACE  MESSAGE INVALID MESSAGE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            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AL  O ISO2 (( * OUTB  TSO2 OUTE * OUTE OUTE  OUTE  OUTE  OUTE  OUTE  OUTE  OUTE  OUTE  OUTE  OUTE  OUTE  OUTE  OUTE  OUTE  OUTE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | SAVE WORD PAREN SPACE PRINT CHAR  OUTPUT OCTAL WORD  RIGHT PARENTHESIS AND SPACE  MESSAGE INVALID MESSAGE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            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AL  O TSO2  (( "  OUTB  TSO2  OUTE  ') "  OUTE  OUTE  OUTF  NPUI==PRINT N  O MSG5  OUTD  OUTG  CONTROL CHAP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | SAVE WORD PAREN SPACE PRINT CHAR  OUTPUT OCTAL WORD  RIGHT PARENTHESIS AND SPACE  MESSAGE  INVALID MESSAGE  OUTPUT MESSAGE  RACTER SUBROUTINE SAVE A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 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AL  O ISO2  (( "  OUTB  TSO2 OUTE  ") "  OUTB  OUTF                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      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 RACTER SUBROUTINE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       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AL  O ISO2  (( "  OUTB  TSO2 OUTE  ") "  OUTB  OU | SAVE WORD PAREN SPACE  PRINT CHAR  OUTPUT OCTAL WORD  RIGHT PARENTHESIS AND SPACE  MESSAGE  INVALID MESSAGE  OUTPUT MESSAGE  RACTER SUBROUTINE  SAVE A SAVE X A=CONTROL CHARACTER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    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AL  O ISO2 (( * OUTB  TSO2 OUTE  *) * OUTB  OUTF  OUTF  OUTF  OUTF  OUTF  OUTF  OUTF  OUTF  OUTH  OUTH  OUTH  OUTH  OUTH  OUTH  OUTH                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | SAVE WORD PAREN SPACE  PRINT CHAR  OUTPUT OCTAL WORD  RIGHT PARENTHESIS AND SPACE  MESSAGE  INVALID MESSAGE  OUTPUT MESSAGE  RACTER SUBROUTINE  SAVE A SAVE X A=CONTROL CHARACTER  OUTPUT CHARACTER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  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AL  O ISO2  (( "  OUTB  TSO2 OUTE  ") "  OUTB  OU | SAVE WORD PAREN SPACE  PRINT CHAR  OUTPUT OCTAL WORD  RIGHT PARENTHESIS AND SPACE  MESSAGE  INVALID MESSAGE  OUTPUT MESSAGE  RACTER SUBROUTINE  SAVE A SAVE X A=CONTROL CHARACTER  OUTPUT CHARACTER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  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O MSG5  OUTD  OUTG  CONTROL CHAP OUTH+3 OUTH+4 OUTH O,1 OUTA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             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MESSAGE  OUTPUT MESSAGE  RACTER SUBROUTINE  SAVE A SAVE X A=CONTROL CHARACTER OUTPUT CHARACTER INIT TIME DELAY  SET RETURN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               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| 016222<br>016325<br>017122<br>017141<br>017144<br>017144<br>017144<br>017144<br>017144<br>01714<br>870<br>85<br>91<br>103<br>400<br>137<br>* PR(                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       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| 016222<br>016325<br>017122<br>017141<br>017144<br>000430<br>0 ERI<br>POINTI<br>* UNI<br>870<br>85<br>91<br>97<br>103<br>400<br>137<br>* * PR(                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          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| 016222<br>016325<br>017122<br>017141<br>017144<br>010430<br>0 ERR<br>LITER<br>POINT:<br>* UNI<br>870<br>85<br>91<br>97<br>103<br>400<br>137<br>* PR(<br>1567<br>365<br>1065<br>1093<br>838                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | A SSWT A TDLY A TSO1 A TSO5 A V75 RORS ASS REFRENCE EBG2 EX03 EX11 EX17 FX31 PBOOT TAPN DGRAM OPOT OUMPA ESZB ESZC INNI                                                                                                                                                                                                                                                    | 01411<br>01423<br>01714<br>01563<br>EMBLY C<br>D SYMBO<br>128<br>86<br>92<br>98<br>104<br>60<br>144<br>SUBRQUT<br>                                                                                                                                                                                                                                                                                                                                                                                                                                                                             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| 016222<br>016325<br>017122<br>017141<br>017144<br>000430<br>0 ERI<br>POINTI<br>* UNI<br>870<br>85<br>91<br>97<br>103<br>400<br>137<br>* * PR(<br>1567<br>365<br>1065<br>1093<br>858<br>1389<br>254                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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| 016222<br>016325<br>017123<br>017124<br>017144<br>000430<br>0 ERI<br>POINTI<br>* UNI<br>870<br>85<br>91<br>91<br>91<br>103<br>400<br>137<br>* PR(<br>1567<br>365<br>1093<br>858<br>1389<br>1225                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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| 016222<br>016325<br>017122<br>017141<br>017144<br>000430<br>0 ERI<br>POINTI<br>* UNI<br>870<br>85<br>91<br>97<br>103<br>400<br>137<br>* * PR(<br>1567<br>365<br>1065<br>1093<br>858<br>1389<br>254                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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                                                           | A SSWT A TDLY A TSO1 A TSO5 A V75 RORS ASS REFRENCE EBG2 EX03 EX11 EX17 FX31 PBOOT TAPN DGRAM OPOT OUMPA ESZB ESZC INN INPA INPA INPB INPC INPD                                                                                                                                                                                                                            | 01411<br>01423<br>01714<br>01563<br>EMBLY C<br>D SYMBD<br>128<br>86<br>92<br>98<br>104<br>60<br>144<br>SUBRQUT<br>                                                                                                                                                                                                                                                                                                                                                                                                                                                                             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| 016222<br>016325<br>017122<br>017141<br>017144<br>010430<br>0 ERR<br>LITER<br>POINT:<br>* UNI<br>870<br>85<br>91<br>97<br>103<br>400<br>137<br>* PR(<br>1567<br>365<br>1065<br>1093<br>81389<br>254<br>1225<br>1236<br>1257                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            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                                          | A TAPA TOUA TSO A TSO A XOF  EK02 EX05 EX13 EX213 EX213 EX213 R1  * * * 1218                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 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                                       | A TAPA<br>A TOU<br>A TSO<br>A XOF<br>EK025<br>EX13<br>EX21<br>EX33<br>EX13<br>EX21<br>EX33<br>1274<br>1218<br>1274<br>1218<br>1228                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              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                                                           | A SSWT<br>A TDLY<br>A TSO1<br>A TSO5<br>A V75<br>RORS ASS<br>ACCE<br>EBG2<br>EX11<br>EX11<br>EX31<br>PBOOT<br>TAPN<br>OGRAM /<br>OUTP<br>INPA<br>INPA<br>INPA<br>INPA<br>INPA<br>INPA<br>INPA<br>INP                                                                                                                                                                       | 01411<br>01423<br>01714<br>01563<br>EMBLY C<br>D SYMBD<br>128<br>86<br>92<br>92<br>94<br>60<br>144<br>SUBRQUT<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>ST-<br>ST-<br>ST-<br>ST-<br>ST-<br>ST-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>ST-<br>ST-<br>ST-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>ST-<br>ST-<br>ST-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>ST-<br>ST-<br>ST-<br>ST-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>ST-<br>ST-<br>ST-<br>ST-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>ST-<br>ST-<br>ST-<br>ST-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>ST-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>ST-<br>ST-<br>ST-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>ST-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br>LD-<br> 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| 016222<br>016325<br>017123<br>017124<br>017144<br>010430<br>0 ERR<br>POINTI<br>* * UNI<br>850<br>91<br>97<br>103<br>400<br>137<br>* * PR(<br>1567<br>365<br>1065<br>1093<br>858<br>1289<br>1225<br>1236<br>1410<br>1421<br>309<br>284<br>1426<br>1426<br>1449<br>1449<br>1460<br>1487                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  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| 016222<br>016325<br>017124<br>017124<br>017141<br>017144<br>00 FRR<br>LITER<br>POINT:<br>* UNI<br>870<br>85<br>91<br>97<br>103<br>400<br>137<br>* PR(<br>1567<br>365<br>1093<br>1389<br>254<br>1225<br>1236<br>1257<br>1278<br>1368<br>1410<br>1421<br>309<br>284<br>1426                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              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| 016222<br>016325<br>017123<br>017124<br>017144<br>010430<br>0 ERR<br>POINTI<br>* * UNI<br>850<br>91<br>97<br>103<br>400<br>137<br>* * PR(<br>1567<br>365<br>1065<br>1093<br>858<br>1289<br>1225<br>1236<br>1410<br>1421<br>309<br>284<br>1426<br>1426<br>1449<br>1449<br>1460<br>1487                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  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| 016222<br>016325<br>017124<br>017124<br>017141<br>017144<br>000430<br>0 ERR<br>ENT<br>* UNI<br>870<br>85<br>91<br>97<br>103<br>400<br>137<br>* PR(<br>1567<br>365<br>1065<br>1093<br>838<br>1389<br>254<br>1225<br>1236<br>1257<br>1278<br>1368<br>1410<br>1421<br>309<br>1426<br>1449<br>1460<br>1487<br>1469                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         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F<br>1560<br>1087<br>1101<br>1087<br>1101<br>862<br>1294<br>1294<br>1294<br>1294<br>1295<br>1390<br>1296<br>1452<br>554<br>160<br>1452<br>554<br>1875<br>535<br>711<br>1875    | 000467<br>017143<br>017146<br>000476<br>129<br>87<br>93<br>905<br>61<br>20INT8<br>1566<br>865<br>1395<br>-LD-<br>-LD-<br>1252<br>1273<br>1361<br>621<br>1454<br>1456<br>605<br>1280<br>1522                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | A TAPA TOUA A TSO A TSO A TSO A TSO A TSO EXQ5 EX13 EX21 EX21 EX21 EX21 EX21 EX21 EX21 EX21                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 224<br>1230<br>891<br>1275<br>1363<br>728<br>1481<br>1490<br>7979<br>543<br>895<br>1378<br>895                                                                                          | 00466<br>17136<br>00471<br>14110<br>00475<br>82<br>88<br>94<br>100<br>139<br>62<br>22<br>95<br>125<br>127<br>136<br>74<br>28<br>67<br>151<br>149<br>83<br>151<br>36 | EXOO<br>EXOO<br>EXOO<br>EXOO<br>EXI4<br>EX26<br>LOAD<br>R2<br>7 =LD=<br>2 1231<br>5 =LD=<br>4 =LD=<br>4 766<br>B<br>8 1558<br>9 1503<br>2 1489<br>5 547<br>5 981<br>4 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 211<br>1242<br>93<br>96<br>791<br>709<br>871<br>1492<br>549<br>1483 | 9 EXO<br>5 EX1<br>12 LOA<br>0 SSW<br>1243<br>1263<br>331<br>826<br>725<br>890<br>1510<br>551<br>1501                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1262<br>1286<br>450<br>836<br>741<br>1465<br>609 | 90<br>96<br>102<br>211<br>138<br>1309<br>1292<br>493<br>1341 | EX10<br>EX16<br>EX16<br>EX16<br>O2K<br>TAPE | 624<br>887                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |   |

| 1230                                                                                                 | INBI                                                                                                          | -LD-                                                                                 | 1237                                                                                     |                                                |                                                 |                                          |                                 |                                             |            |                                         |                               | 3                                      |                           |                            |                                     |                                        |
|------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|------------------------------------------------|-------------------------------------------------|------------------------------------------|---------------------------------|---------------------------------------------|------------|-----------------------------------------|-------------------------------|----------------------------------------|---------------------------|----------------------------|-------------------------------------|----------------------------------------|
| 1252                                                                                                 | INCS                                                                                                          | -LD-                                                                                 | 1248                                                                                     |                                                |                                                 |                                          |                                 |                                             |            |                                         |                               | F 4 2                                  |                           |                            |                                     |                                        |
| 1242                                                                                                 | INC3                                                                                                          | -10-                                                                                 | 1258                                                                                     |                                                |                                                 |                                          |                                 |                                             |            |                                         |                               |                                        | 111,                      |                            |                                     |                                        |
| 1273                                                                                                 | INDI                                                                                                          | -LD-                                                                                 | 1265                                                                                     | THE THOUSAND CONTROL                           |                                                 |                                          |                                 |                                             |            |                                         |                               |                                        |                           |                            |                                     |                                        |
| 1275                                                                                                 | INDS                                                                                                          | -LD=                                                                                 | 1264                                                                                     | 1281                                           |                                                 |                                          |                                 |                                             |            |                                         |                               |                                        |                           |                            |                                     |                                        |
| 1280                                                                                                 | IND3<br>IND4                                                                                                  | -FD-                                                                                 | 1267                                                                                     | 1269                                           |                                                 |                                          |                                 |                                             |            |                                         |                               |                                        |                           |                            |                                     |                                        |
| 1262                                                                                                 | INEI                                                                                                          | -F0-                                                                                 | 1279                                                                                     |                                                |                                                 |                                          |                                 |                                             |            |                                         |                               |                                        | . ** *                    |                            |                                     |                                        |
| 1301                                                                                                 | INES                                                                                                          | -LD=                                                                                 | 1288                                                                                     | 1294                                           |                                                 |                                          |                                 |                                             |            |                                         |                               |                                        |                           |                            |                                     |                                        |
| 1286                                                                                                 |                                                                                                               | -LD-                                                                                 | 1295                                                                                     |                                                | .,                                              |                                          |                                 |                                             |            | -                                       |                               |                                        |                           |                            |                                     |                                        |
| 1323                                                                                                 | INF1                                                                                                          | or Do                                                                                | 1312                                                                                     |                                                |                                                 |                                          |                                 |                                             |            |                                         |                               |                                        |                           |                            |                                     |                                        |
| 1325                                                                                                 | INFZ                                                                                                          | -LD-                                                                                 | 1311                                                                                     | 1318                                           |                                                 |                                          |                                 |                                             |            |                                         |                               |                                        |                           |                            |                                     |                                        |
| 1321                                                                                                 | INF3                                                                                                          | -LD-                                                                                 | 1314                                                                                     |                                                | ***************************************         |                                          |                                 |                                             |            |                                         |                               |                                        |                           |                            |                                     |                                        |
| 1309                                                                                                 | INF5                                                                                                          | -LD-                                                                                 | 1329                                                                                     |                                                |                                                 |                                          |                                 |                                             |            |                                         |                               |                                        |                           |                            |                                     |                                        |
| 1381                                                                                                 | ING1                                                                                                          | -LD-                                                                                 | 1343                                                                                     |                                                |                                                 |                                          |                                 |                                             |            | -                                       | To approximate an accommon of | man on a service of the service of     | anna demonstration of the |                            |                                     |                                        |
| 1363                                                                                                 | ING2                                                                                                          | -LD-                                                                                 | 1342                                                                                     | 1379                                           |                                                 |                                          |                                 |                                             |            |                                         |                               |                                        |                           |                            |                                     |                                        |
| 1359                                                                                                 |                                                                                                               | -LD-                                                                                 | 1375                                                                                     | 1377                                           |                                                 |                                          |                                 |                                             |            |                                         |                               |                                        |                           |                            |                                     |                                        |
| 1361                                                                                                 |                                                                                                               | -LD-                                                                                 | 1373                                                                                     | 4707                                           |                                                 | was added to the control of the control  |                                 |                                             |            | -                                       |                               |                                        |                           | 17                         |                                     | *******                                |
| 1340                                                                                                 | ING5<br>ING6                                                                                                  | = FD=                                                                                | 1358<br>1346                                                                             | 1387                                           |                                                 |                                          |                                 |                                             |            |                                         |                               |                                        |                           |                            |                                     |                                        |
| 1335                                                                                                 |                                                                                                               | =LD=                                                                                 | 1370                                                                                     | 1348                                           |                                                 |                                          |                                 |                                             |            |                                         |                               |                                        |                           |                            |                                     |                                        |
| 1378                                                                                                 | INGS                                                                                                          | -LD=                                                                                 | 1355                                                                                     |                                                |                                                 |                                          |                                 |                                             |            |                                         |                               |                                        |                           | and a second of the second |                                     |                                        |
| 1399                                                                                                 | INH1                                                                                                          | -LD-                                                                                 | 1411                                                                                     |                                                |                                                 |                                          |                                 |                                             |            |                                         |                               |                                        |                           |                            |                                     |                                        |
| 1412                                                                                                 | INHS                                                                                                          | -51-                                                                                 | 1399                                                                                     | oLD.                                           | 1406                                            |                                          | ague etano administra e succi   | et annue ann de de comment                  |            |                                         |                               |                                        |                           |                            |                                     |                                        |
| 1407                                                                                                 | INH3                                                                                                          | -51-                                                                                 | 1402                                                                                     |                                                |                                                 |                                          |                                 |                                             |            |                                         |                               |                                        |                           |                            |                                     |                                        |
| 1416                                                                                                 | INII                                                                                                          | =LD=                                                                                 | 1422                                                                                     |                                                |                                                 |                                          |                                 |                                             |            |                                         |                               |                                        |                           |                            |                                     |                                        |
| 464                                                                                                  | INI3                                                                                                          | -LD-                                                                                 | 470                                                                                      |                                                |                                                 |                                          |                                 | -                                           |            | X                                       |                               |                                        |                           | and the second             |                                     |                                        |
| 449                                                                                                  | INIT                                                                                                          | -LD+                                                                                 | 474                                                                                      | 922                                            |                                                 |                                          |                                 |                                             |            |                                         |                               |                                        |                           |                            |                                     |                                        |
| 1389                                                                                                 | INN                                                                                                           | -LD-                                                                                 | 973                                                                                      | 1394                                           | 1395                                            |                                          |                                 |                                             |            |                                         |                               |                                        | ·                         | 1, '                       |                                     |                                        |
| 254                                                                                                  | INP                                                                                                           | -37-                                                                                 | 197                                                                                      | 204                                            | 205                                             | 220                                      | 224                             | 227                                         | -LD-       | 211                                     |                               |                                        |                           |                            |                                     |                                        |
| 1225                                                                                                 | INPA                                                                                                          | -57-                                                                                 | 1222                                                                                     | 1223                                           | -LD=                                            | 90                                       | 1230                            |                                             |            |                                         |                               |                                        |                           |                            |                                     |                                        |
| 1236                                                                                                 | INPB                                                                                                          | -81-                                                                                 | 1233                                                                                     | 1234                                           | -LD=                                            | 91                                       | 891                             | 952                                         | 1231       | 1242                                    | 4.54.                         | 69/-                                   |                           |                            |                                     |                                        |
| 1257                                                                                                 | INPC<br>INPD                                                                                                  | -ST-                                                                                 | 1250                                                                                     | 1251                                           | 1252                                            | 1253<br>1274                             | 1254                            | 1255                                        | -LD-       | 92                                      | 1243                          | 1262                                   | 1309                      | 1340                       |                                     |                                        |
| 1304                                                                                                 | INPE                                                                                                          | -ST-                                                                                 | 1271                                                                                     | 1272                                           | 1299                                            | 1300                                     | 1301                            | 1302                                        | erbe       | 94                                      | 1287                          | 1293                                   | 1676                      |                            |                                     |                                        |
| 1328                                                                                                 | INPF                                                                                                          | -ST=                                                                                 | 1319                                                                                     | 1320                                           | 1321                                            | 1322                                     | 1323                            | 1324                                        | 1325       | 1326                                    | -LD-                          | 95                                     | 1310                      |                            |                                     |                                        |
| 1368                                                                                                 | INPG                                                                                                          | -ST-                                                                                 | 1359                                                                                     | 1360                                           | 1361                                            | 1362                                     | 1363                            | 1364                                        | -LD-       | 96                                      | 331                           | 450                                    | 493                       | 580                        | 624                                 |                                        |
|                                                                                                      |                                                                                                               | 644                                                                                  | 664                                                                                      | 680                                            | 696                                             | 712                                      | 728                             | 744                                         | 766        | 791                                     | 826                           | 836                                    | 1341                      | 1391                       |                                     |                                        |
| 1410                                                                                                 | INPH                                                                                                          | -37-                                                                                 | 1408                                                                                     | -LD-                                           | 103                                             | 1218                                     | 1400                            |                                             |            |                                         |                               |                                        |                           |                            |                                     |                                        |
| 1421                                                                                                 | INPI                                                                                                          | -LD-                                                                                 | 104                                                                                      | 813                                            | 889                                             | 1221                                     | 1369                            | 200                                         |            |                                         |                               |                                        |                           |                            |                                     |                                        |
| 309<br>131                                                                                           | INPT<br>K100                                                                                                  | -S7-                                                                                 | 199                                                                                      | 232<br>385                                     | -LD≎<br>387                                     | 258                                      | 561                             | 288                                         |            |                                         | THE CHILDREN AND A ST. RE.    | ************************************** |                           |                            |                                     |                                        |
| 132                                                                                                  | K200                                                                                                          | -LD-                                                                                 | 430                                                                                      | 431                                            | 301                                             |                                          |                                 |                                             |            |                                         |                               |                                        |                           |                            |                                     |                                        |
| 130                                                                                                  | K40                                                                                                           | -LD-                                                                                 | 289                                                                                      | 290                                            | 417                                             | 418                                      |                                 |                                             |            |                                         |                               |                                        |                           |                            |                                     |                                        |
| 134                                                                                                  | LAST                                                                                                          | -37-                                                                                 | 367                                                                                      | -LD-                                           | 354                                             | 363                                      | 376                             |                                             |            |                                         |                               |                                        |                           |                            |                                     |                                        |
| 236                                                                                                  | LCKS                                                                                                          | -LD-                                                                                 | 228                                                                                      | -                                              |                                                 |                                          |                                 |                                             |            |                                         |                               |                                        |                           |                            |                                     |                                        |
| 271                                                                                                  | LDATA                                                                                                         | -LD-                                                                                 | 280                                                                                      |                                                | entrato esperante de la companio                | The separate of the second control       |                                 |                                             |            |                                         |                               |                                        |                           |                            |                                     |                                        |
| 206                                                                                                  |                                                                                                               | -LD-                                                                                 | 233                                                                                      |                                                |                                                 |                                          |                                 |                                             |            |                                         |                               |                                        |                           |                            |                                     |                                        |
| 216<br>977                                                                                           | LOAT                                                                                                          | -LD-                                                                                 | 188                                                                                      |                                                |                                                 |                                          |                                 |                                             |            |                                         |                               |                                        |                           |                            |                                     |                                        |
| 185                                                                                                  | LODE                                                                                                          | -LD-                                                                                 | 139                                                                                      | 976                                            |                                                 |                                          |                                 | THE COURSE WELL IN                          |            |                                         |                               |                                        |                           |                            | A 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 |                                        |
| 257                                                                                                  |                                                                                                               | -LD-                                                                                 | 243                                                                                      | ,,,                                            |                                                 |                                          |                                 |                                             |            |                                         |                               |                                        |                           |                            |                                     |                                        |
| 287                                                                                                  | LWR1                                                                                                          | -LD-                                                                                 | 298                                                                                      |                                                |                                                 |                                          |                                 |                                             |            |                                         |                               |                                        |                           |                            |                                     |                                        |
| 284                                                                                                  | LWRD                                                                                                          | -LD=                                                                                 | 265                                                                                      | 568                                            | 271                                             | 302                                      |                                 |                                             |            |                                         |                               |                                        |                           |                            |                                     |                                        |
| 235                                                                                                  |                                                                                                               | -LD-                                                                                 | 217                                                                                      |                                                |                                                 |                                          |                                 |                                             |            |                                         |                               |                                        |                           |                            |                                     |                                        |
| 146                                                                                                  |                                                                                                               | -LD=                                                                                 | 174                                                                                      | 207                                            |                                                 | 244                                      |                                 | Military of company and department of the A |            |                                         | a emerced                     |                                        |                           |                            |                                     |                                        |
| 318<br>1055                                                                                          | MODE<br>MSG1                                                                                                  | =ST=<br>=L0=                                                                         | 255<br>877                                                                               | arn.                                           | 248                                             | 276                                      |                                 |                                             |            |                                         |                               |                                        |                           |                            |                                     |                                        |
| 1056                                                                                                 |                                                                                                               | =FD=                                                                                 | 877<br>978                                                                               |                                                |                                                 |                                          |                                 |                                             |            |                                         |                               |                                        |                           |                            |                                     |                                        |
| 1057                                                                                                 | MSG3                                                                                                          | -LO-                                                                                 | 102                                                                                      | 879                                            |                                                 | nagarangan anama da sa                   |                                 |                                             |            |                                         |                               |                                        | *************             |                            | and the second second               |                                        |
| 1058                                                                                                 |                                                                                                               | -LD=                                                                                 | 1099                                                                                     |                                                |                                                 |                                          |                                 |                                             |            |                                         |                               |                                        |                           |                            |                                     |                                        |
| 1059                                                                                                 | MSG5                                                                                                          | -LD-                                                                                 | 1509                                                                                     | 27                                             | ·                                               |                                          |                                 | -                                           |            | A                                       |                               |                                        | e como c                  |                            |                                     |                                        |
| 1060                                                                                                 |                                                                                                               | -LD-                                                                                 | 874                                                                                      |                                                |                                                 |                                          |                                 |                                             |            |                                         |                               |                                        |                           |                            |                                     |                                        |
| 167                                                                                                  |                                                                                                               | -LD-                                                                                 | 164                                                                                      | 224                                            | 222                                             |                                          |                                 |                                             |            |                                         |                               |                                        |                           |                            |                                     |                                        |
| 233<br>238                                                                                           |                                                                                                               | -LD-                                                                                 | 198<br>200                                                                               | 221                                            | 555                                             |                                          |                                 |                                             |            | *************************************** |                               |                                        |                           |                            |                                     | and the second                         |
| 143                                                                                                  |                                                                                                               | -LD-                                                                                 | 175                                                                                      | 186                                            | 194                                             | 208                                      | 231                             | 1568                                        |            |                                         |                               |                                        |                           |                            |                                     |                                        |
| 314                                                                                                  |                                                                                                               | -LD-                                                                                 | 225                                                                                      |                                                | -                                               |                                          |                                 |                                             |            |                                         |                               |                                        |                           |                            |                                     |                                        |
| 312                                                                                                  | 007                                                                                                           | -LD-                                                                                 | 315                                                                                      |                                                |                                                 |                                          |                                 |                                             |            |                                         |                               |                                        |                           |                            |                                     |                                        |
| 1441                                                                                                 |                                                                                                               | -37-                                                                                 | 1433                                                                                     | =LD=                                           | 1436                                            |                                          |                                 |                                             |            |                                         |                               |                                        |                           |                            |                                     |                                        |
|                                                                                                      |                                                                                                               | -LD-                                                                                 | 1479                                                                                     | 70.73987                                       |                                                 |                                          |                                 |                                             |            |                                         |                               |                                        |                           |                            | - may                               |                                        |
| 1474                                                                                                 | OUT3                                                                                                          | -LD=                                                                                 | 1527                                                                                     | 607                                            | 621                                             | 641                                      | 661                             | 677                                         | 693        | 709                                     | 725                           | 741                                    | 802                       | 833                        | 887                                 |                                        |
| 1515                                                                                                 | DITA                                                                                                          |                                                                                      | 1443                                                                                     | 1452                                           | 1454                                            | 1475                                     | 1481                            | 1519                                        | 1558       | , , , ,                                 | (63)                          | 7.41                                   |                           |                            |                                     |                                        |
|                                                                                                      | OUTA                                                                                                          | 1232                                                                                 |                                                                                          |                                                | 1456                                            | 1463                                     | 1490                            | 1499                                        | 1503       |                                         |                               | ***********                            |                           |                            |                                     |                                        |
| 1515                                                                                                 | OUTA                                                                                                          | 1232<br>-LD-                                                                         | 83                                                                                       | 554                                            |                                                 |                                          | 797                             | 812                                         | 853        | 871                                     | 890                           | 1465                                   |                           |                            |                                     |                                        |
| 1515<br>1426<br>1449<br>1460                                                                         | OUTB                                                                                                          | -LD=                                                                                 | 84                                                                                       | 531                                            | 603                                             | 772                                      |                                 | 1157                                        | 1489       | 1492                                    | 1510                          |                                        |                           |                            |                                     |                                        |
| 1515<br>1426<br>1449<br>1460<br>1487                                                                 | OUTB<br>OUTC<br>OUTD                                                                                          | -FD-                                                                                 | 84<br>85                                                                                 | 531<br>875                                     | 603<br>878                                      | 880                                      | 979                             |                                             |            |                                         |                               |                                        |                           |                            |                                     |                                        |
| 1515<br>1426<br>1449<br>1460                                                                         | OUTB<br>OUTC<br>OUTD                                                                                          | = FD=<br>= FD=<br>= FD=                                                              | 84<br>85<br>86                                                                           | 531<br>875<br>535                              | 603<br>878<br>537                               | 880<br><b>539</b>                        | 543                             | 545                                         | 547        | 549                                     | 551                           | 609                                    | 623                       | 643                        | 663                                 |                                        |
| 1515<br>1426<br>1449<br>1460<br>1487<br>1469                                                         | OUTR<br>OUTC<br>OUTD<br>OUTE                                                                                  | -LD-<br>-LD-<br>-LD-<br>-LD-<br>679                                                  | 84<br>85<br>86<br>695                                                                    | 531<br>875<br>535<br>711                       | 603<br>878<br>537<br>727                        | 539<br>743                               | 543<br>804                      | 545<br>835                                  | 547<br>981 | 549<br>1483                             |                               | 609                                    | 623                       | 643                        | 663                                 |                                        |
| 1515<br>1426<br>1449<br>1460<br>1487<br>1469                                                         | OUTB<br>OUTC<br>OUTD<br>OUTE                                                                                  | -LD-<br>-LD-<br>-LD-<br>-LD-<br>679                                                  | 84<br>85<br>86<br>695<br>87                                                              | 531<br>875<br>535<br>711<br>533                | 603<br>878<br>537<br>727<br>605                 | 880<br>539<br>743<br>800                 | 543<br>804<br>855               | 545<br>835<br>1504                          |            |                                         | 551                           | 609                                    | 623                       | 643                        | 663                                 | ······································ |
| 1515<br>1426<br>1449<br>1460<br>1487<br>1469<br>1496<br>1508                                         | OUTR<br>OUTC<br>OUTD<br>OUTE<br>OUTF<br>OUTG                                                                  | -LD-<br>-LD-<br>-LD-<br>679<br>-LD-                                                  | 84<br>85<br>86<br>695<br>87<br>88                                                        | 531<br>875<br>535<br>711<br>533<br>944         | 603<br>678<br>537<br>727<br>605<br>1280         | 880<br>539<br>743<br>800<br>1317         | 543<br>804<br>855<br>1378       | 545<br>835<br>1504<br>1511                  | 981        | 1483                                    | 551<br>1501                   | mar , and the description              |                           |                            |                                     |                                        |
| 1515<br>1426<br>1449<br>1460<br>1487<br>1469                                                         | OUTR<br>OUTC<br>OUTD<br>OUTE<br>OUTF<br>OUTG                                                                  | -LD-<br>-LD-<br>-LD-<br>-LD-<br>679                                                  | 84<br>85<br>86<br>695<br>87                                                              | 531<br>875<br>535<br>711<br>533                | 603<br>878<br>537<br>727<br>605                 | 880<br>539<br>743<br>800                 | 543<br>804<br>855               | 545<br>835<br>1504                          |            |                                         | 551                           | 870                                    |                           | 643                        |                                     | agricultura de de 190                  |
| 1515<br>1426<br>1449<br>1460<br>1487<br>1469<br>1496<br>1508                                         | OUTR<br>OUTC<br>OUTD<br>OUTE<br>OUTF<br>OUTG<br>OUTH                                                          | -LD-<br>-LD-<br>-LD-<br>-CT-<br>-LD-<br>-LD-<br>-ST-<br>1524                         | 84<br>85<br>86<br>695<br>87<br>88                                                        | 531<br>875<br>535<br>711<br>533<br>944         | 603<br>678<br>537<br>727<br>605<br>1280         | 880<br>539<br>743<br>800<br>1317<br>-LD- | 543<br>804<br>855<br>1378       | 545<br>835<br>1504<br>1511                  | 981        | 1483                                    | 551<br>1501                   | mar , and the description              |                           |                            |                                     |                                        |
| 1515<br>1426<br>1449<br>1460<br>1487<br>1469<br>1508<br>1526                                         | OUTR<br>OUTC<br>OUTD<br>OUTF<br>OUTF<br>OUTF<br>OUTH                                                          | -LD-<br>-LD-<br>-LD-<br>-LD-<br>-LD-<br>-LD-<br>-ST-<br>1524<br>-LD-<br>-LD-         | 84<br>85<br>86<br>695<br>87<br>88<br>1515<br>1564<br>1573                                | 531<br>875<br>535<br>711<br>533<br>944<br>1516 | 603<br>878<br>537<br>727<br>605<br>1280<br>1522 | 880<br>539<br>743<br>800<br>1317<br>-LD- | 543<br>804<br>855<br>1378       | 545<br>835<br>1504<br>1511                  | 981        | 1483                                    | 551<br>1501                   | mar , and the description              |                           |                            |                                     |                                        |
| 1515<br>1426<br>1449<br>1460<br>1487<br>1469<br>1508<br>1526<br>1573<br>1576<br>1579                 | OUTR<br>OUTC<br>OUTD<br>OUTE<br>OUTF<br>OUTG<br>OUTH                                                          | -LD-<br>-LD-<br>-LD-<br>679<br>-LD-<br>-ST-<br>1524<br>-LD-<br>-LD-                  | 84<br>85<br>86<br>695<br>87<br>88<br>1515<br>1564<br>1573                                | 531<br>875<br>535<br>711<br>533<br>944<br>1516 | 603<br>878<br>537<br>727<br>605<br>1280<br>1522 | 880<br>539<br>743<br>800<br>1317<br>-LD- | 543<br>804<br>855<br>1378       | 545<br>835<br>1504<br>1511                  | 981        | 1483                                    | 551<br>1501                   | mar , and the description              |                           |                            |                                     |                                        |
| 1515<br>1426<br>1449<br>1460<br>1487<br>1469<br>1508<br>1526<br>1573<br>1576<br>1579<br>1561         | OUTR<br>OUTC<br>OUTD<br>OUTE<br>OUTF<br>OUTG<br>OUTH<br>POOO<br>POOO1<br>POOO2<br>PCHP                        | -LD-<br>-LD-<br>-LD-<br>-LD-<br>-LD-<br>-ST-<br>1524<br>-LD-<br>-LD-<br>-LD-         | 84<br>85<br>86<br>695<br>87<br>88<br>1515<br>1564<br>1573<br>1573                        | 531<br>875<br>535<br>711<br>533<br>944<br>1516 | 603<br>878<br>537<br>727<br>605<br>1280<br>1522 | 880<br>539<br>743<br>800<br>1317<br>-LD- | 543<br>804<br>855<br>1378<br>89 | 545<br>835<br>1504<br>1511<br>360           | 981<br>361 | 370                                     | 551<br>1501<br>371            | mar , and the description              |                           |                            |                                     |                                        |
| 1515<br>1426<br>1449<br>1460<br>1487<br>1469<br>1508<br>1526<br>1573<br>1576<br>1579<br>1561<br>1572 | OUTR<br>OUTC<br>OUTD<br>OUTE<br>OUTF<br>OUTF<br>OUTH<br>POOO<br>POO1<br>POO1<br>POO1<br>POO1<br>POCHP<br>PCHR | -LD-<br>-LD-<br>-LD-<br>-LD-<br>-LD-<br>-ST-<br>1524<br>-LD-<br>-LD-<br>-LD-<br>-ST- | 84<br>85<br>86<br>695<br>87<br>88<br>1515<br>1564<br>1573<br>1571<br>1571                | 531<br>875<br>535<br>711<br>533<br>944<br>1516 | 603<br>878<br>537<br>727<br>605<br>1280<br>1522 | 880<br>539<br>743<br>800<br>1317<br>-LD- | 543<br>804<br>855<br>1378<br>89 | 545<br>835<br>1504<br>1511<br>360           | 981<br>361 | 1483                                    | 551<br>1501                   | mar , and the description              |                           |                            |                                     |                                        |
| 1515<br>1426<br>1449<br>1460<br>1487<br>1469<br>1508<br>1526<br>1573<br>1576<br>1579<br>1557         | OUTR<br>OUTC<br>OUTD<br>OUTE<br>OUTF<br>OUTG<br>OUTH<br>P000<br>P001<br>P002<br>PCHR<br>PCHT                  | -LDLDLDCTLDLDLDLDLDLDLDL                                                             | 84<br>85<br>86<br>695<br>87<br>1515<br>1564<br>1573<br>1573<br>1571<br>1575<br>1570      | 531<br>875<br>535<br>711<br>533<br>944<br>1516 | 603<br>878<br>537<br>727<br>605<br>1280<br>1522 | 880<br>539<br>743<br>800<br>1317<br>-LD- | 543<br>804<br>855<br>1378<br>89 | 545<br>835<br>1504<br>1511<br>360           | 981<br>361 | 370                                     | 551<br>1501<br>371            | mar i distribi describi de la          |                           |                            |                                     |                                        |
| 1515<br>1426<br>1449<br>1460<br>1487<br>1469<br>1508<br>1526<br>1573<br>1576<br>1579<br>1561<br>1572 | OUTB<br>OUTC<br>OUTD<br>OUTE<br>OUTF<br>OUTG<br>OUTH<br>PO00<br>PO01<br>PO02<br>PCHP<br>PCHT<br>PDATA         | -LD-<br>-LD-<br>-LD-<br>-LD-<br>-LD-<br>-ST-<br>1524<br>-LD-<br>-LD-<br>-LD-<br>-ST- | 84<br>85<br>86<br>695<br>87<br>88<br>1515<br>1564<br>1573<br>1571<br>1579<br>1570<br>402 | 531<br>875<br>535<br>711<br>533<br>944<br>1516 | 603<br>878<br>537<br>727<br>605<br>1280<br>1522 | 880<br>539<br>743<br>800<br>1317<br>-LD- | 543<br>804<br>855<br>1378<br>89 | 545<br>835<br>1504<br>1511<br>360           | 981<br>361 | 370                                     | 551<br>1501<br>371            | mar i distribi describi de la          |                           |                            |                                     |                                        |